EPA REGISTRATION NUMBER 4822-485

BPPD PRAT ACTION CODING FORM

PM 90: Janet Andersen

REVIEWER: JOHN TICE
(ASSIGNED BY: ____________________)

EPA REG./FILE SYMBOL 4822-UIL

ACTION CODE ________________

SUBMISSION BARCODE ____________________ accepted submission/ additional data to support registration

Date on Application 6-27-97

EPA Received Date 7-1-97

PM Received Date 7-8-97

Assigned in PRAT YES_____ NO_____

Completed by: S..Diana Hudson **Date**__________

☺☺

FINAL ACTION

Response Code___________

Response Date: / /

MOS: _________ **(1) Cite-All**

_________ **(4) Not Applicable**

_________ **(8) Selective**

CRP:	**Yes**_____	**No**_____
Restricted Use:	**Yes**_____	**No**_____
Manufacturing Use:	**Yes**_____	**No**_____
Exclusive Use:	**Yes**_____	**No**_____

BPPD PRAT ACTION CODING FORM

PM 90: Janet Andersen **REVIEWER:** JOANTICE

EPA REG./FILE SYMBOL 4822 - UIL

ACTION CODE ~~362~~ 146

amend to alter formula

SUBMISSION BARCODE S524973

Date on Application 3/28/97

EPA Received Date 3/31/97

PM Received Date 4/3/97

Assigned in PRAT YES X **NO** ____

Completed by: S. Diana Hudson SDH **Date** 6-13-97

☺☺

FINAL ACTION

Response Code __________

Response Date: / /

MOS: ________ **(1) Cite-All**

________ **(4) Not Applicable**

________ **(8) Selective**

CRP:	**Yes** ____	**No** ____
Restricted Use:	**Yes** ____	**No** ____
Manufacturing Use:	**Yes** ____	**No** ____
Exclusive Use:	**Yes** ____	**No** ____

BPPD PRAT ACTION CODING FORM

PM 90: Janet Andersen **REVIEWER:** JTLE

EPA REG./FILE SYMBOL 4822-UIL

ACTION CODE 175

SUBMISSION BARCODE ________ (application for registration)

Date on Application 1/17/97

EPA Received Date 1/21/97

PM Received Date 3/3/97

Assigned in PRAT YES____ NO X (no active product chemistry data)

Completed by: S. Diana Hudson sdh Date 3/3/97

☺☺

FINAL ACTION

Response Code________

Response Date: / /

MOS: ________ (1) Cite-All

________ (4) Not Applicable

________ (8) Selective

CRP:	Yes____	No____
Restricted Use:	Yes____	No____
Manufacturing Use:	Yes____	No____
Exclusive Use:	Yes____	No____

DP BARCODE: D234969

CASE: 061542 DATA PACKAGE RECORD DATE: 04/07/97
SUBMISSION: S521397 BEAN SHEET Page 1 of 1

* * * CASE/SUBMISSION INFORMATION * * *

CASE TYPE: REGISTRATION ACTION: 145 NEW BIOL-NON-FOOD/FEED
CHEMICALS: 040500 Lavandin oil 17.2900%

ID#: 004822-UIL RECEDE 14490P163
COMPANY: 004822 S.C. JOHNSON & SON INC.
PRODUCT MANAGER: 90 JANET ANDERSEN 703-308-8128 ROOM: CS1 5TH FL
PM TEAM REVIEWER: JOHN TICE 703-308-8295 ROOM: CS1 5TH FL
RECEIVED DATE: 01/21/97 DUE OUT DATE: 06/20/97

* * * DATA PACKAGE INFORMATION * * *

DP BARCODE: 234969 EXPEDITE: N DATE SENT: 04/07/97 DATE RET.: / /
CHEMICAL: 040500 Lavandin oil
DP TYPE: 001
CSF: Y LABEL: Y

ASSIGNED TO	DATE IN	DATE OUT
DIV : BPPD	/ /	/ /
BRAN: BPPD-IO	/ /	/ /
SECT: IO	/ /	/ /
REVR :	/ /	/ /
CONTR:	/ /	/ /

ADMIN DUE DATE: 07/21/97
NEGOT DATE: / /
PROJ DATE: / /

* * * DATA REVIEW INSTRUCTIONS * * *

PLEASE REVIEW THE ATTACHED DATA TO DETERMINE ANY TOX PROBLEMS ASSOCIATED WITH THE REGISTRATION OF THIS NEW PRODUCT.

* * * DATA PACKAGE EVALUATION * * *

No evaluation is written for this data package

* * * ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION * * *

DP BC	BRANCH/SECTION	DATE OUT	DUE BACK	INS	CSF	LABEL

NEW REGISTATION OR NEW EUP

FAST TRACK *
APPLICATION FOR NEW REGISTRATION

WITH DATA	Init.	Date	NO DATA	Init.	Date
FEU	____	____	FEU	____	____
Fileroom/JACKETS	____	____	Fileroom/JACKETS	____	____
SIG (DATA)	____	____	PM ____	____	____
Fileroom/JACKETS	____	____			
PM ____	____	____			

REGULAR APPLICATION FOR NEW APPLICATION
OR
EXPERMENTAL USE PERMIT

Includes new petition for Tolerance: YES or NO

WITH DATA	Init.	Date	NO DATA	Init.	Date
FEU	[illegible]	1-22-97	FEU	____	____
Fileroom/JACKETS	GA	1-22-97	Fileroom/JACKETS	____	____
SIG (DATA)	[illegible]	1/30/97	PM ____	____	____
Fileroom/JACKETS	[illegible]	2/3/97			
PM 90	____	____			

* Front End Processing determined this application qualifies for fast track review based of registrants claim of "me-too". No screen for substantial similarity is made by the Front End Processing Section.

FRONT END PROCESSING APPLICATION INFORMATION CHECK

PM ✓

EPA COMPANY NUMBER ✓

EPA REGISTRATION NUMBER STATUS (For Amendments)

Active _____ Cancelled _____

Not in REFS _____

"ME-TOO" CITED PRODUCT STATUS

Active _____ Cancelled _____

Not in REFS _____

PRAT RECORD CREATED ✓

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUN 3 1998

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. James H. Wallace Jr.
S.C. Johnson & Son, Inc.
1525 Howe Street
Racine, WI 53403-2236

Dear Mr. Wallace,

RE: Your Application for Registration Dated 1/17/97, received 1/21/97 and Subsequent Amendments dated 3/28/97 and 6/27/97 for Receed EPA Reg No. 4822-UIL

The unconditional registration of the product identified above has been granted. Enclosed for your records are the Notice of Registration, a stamped approved label, and a copy of all of the science reviews completed for your product.

If you have any questions, feel free to contact John Tice at 703-308-8295.

Sincerely,

Janet L. Andersen, Ph.D.,
Director, Biopesticides and Pollution
Prevention Division 7501W

Enclosures

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution
Prevention Division (7511W)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number: 4822-485

Date of Issuance:

NOTICE OF PESTICIDE:

Term of Issuance: Unconditional

_x_ Registration
___ Reregistration
under FIFRA, as amended)

Name of Pesticide Product: Recede 14490P163

Name and Address of Registrant (include ZIP Code):

S.C. Johnson & Son, Inc.
1525 Howe Street
Racine, Wisconsin 53403-2236

FILE

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5). Once a pesticide is unconditionally registered, however, it is not regarded as permanently acceptable. Unconditional registration does not eliminate the need for continual reassessment of a pesticide. If EPA determines, at any time, that additional data are required to maintain an existing registration, the Agency will require submission of such data under Section 3(c)(2)(B) of the Federal Insecticide Fungicide and Rodenticide Act (FIFRA).

1. A stamped copy of the label is enclosed for your records.
2. Revise the EPA Registration Number on the label to read, "EPA Reg. No. 4822-485"
3. Submit five copies of the final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Signature of Approving Official: Grant L. Anderson

Date 6/3/98

EPA Form 8570-6

UNIT LABELING

Recede 14490P163

Active Ingredients:
Lavandin Oil 17.29%
Inert Ingredients: 82.71%

Net Wt. .11 oz.

Keep Out Of Reach Of Children

CAUTION
See Additional Precautionary Statements (On Back) (Below Before Use).

STORAGE: Store in a cool area away from children.
DISPOSAL: Wrap and put in trash collection.

EPA Reg. No. 4822-
EPA Est. No. 038534-IL-002

Questions? Comments? Call 800-558-5252 weekdays, 9-9 Eastern Time or Write Helen Johnson © *1996* S. C. Johnson & Son, Inc. Racine, WI 53403-2236 U.S.A. All Rights Reserved.

FRONT PANEL

Recede 14490P163
New
(Fresh) (Pleasant) Cedar Scent
Outdoor Fresh Cedar Scent
Natural Cedar Scent
(Crisp) (Protective) Cedar Scent
(Pleasant) (Fresh) Cedar Aroma
(Country) Fresh Cedar Scent
Soft Sachet Cedar Scent
Floral Bouquet Cedar Scent
Aromatic Cedar Scent
(Pleasant) (Country) Spice Cedar Scent
(Forest) (Fresh) Cedar Scent
(Effectively) controls moth problems with a pleasant cedar scent
No unpleasant mothball smell
No harsh chemicals
No need to dry clean (or) (air out your) clothes (garments) after storage (use)
Protects clothes from moth damage
Keeps moths off clothes
Effective for one season
Cedar Formula
Protects clothes from (moth) damage for (up to) (one) (two) (three) (four) months (season long) (up to one season)
Freshens closets (drawers) while protecting clothes from (moth) damage
Repels (kills) (controls) (moths) (moth eggs and larvae) (pupae) (which cause damage to clothes) (up to one storage season)
Easy to use
No mess
Convenient to use
Unique (clothes) (garment) protection (with a fresh cedar scent)
Not only protects (your) clothes, it freshens (your) closet (drawers)
Protects (your) clothes from moths (damage) with a (natural), (fresh) (pleasant) (cedar) scent
Pleasant (cedar) protection for your clothes
Lasts up to one season
Protects clothes from moth damage for (up to) (two) (three) (four) (months) (one storage season) (one season)/(all season long)

ACCEPTED
JUN 3 1998
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 4822-485

Active Ingredients:
Lavandin Oil 17.29%
Inert Ingredients: 82.71%

Contains (number) (name) (hangers) (units) (fresheners)

Net Contents: .11 oz. per unit
Net Wt. .22 oz

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements on back

RECD [illegible]/OPD1
'97 JAN 21 P4:02

K:\ic\clc\csm/closet\atlas

SUMMARY TOXICOLOGY PROFILE FOR CEDAR MOTHPROOFER

STUDY	**RECEDE 14490P163** (17.3% Lavandin Oil)
Acute Oral Toxicity Guideline 81-1	LD_{50} greater than 5 g/kg. **Category IV**
Acute Dermal Toxicity Guideline 82-2	Based on the dermal LD_{50} values for the fragrance components greater than 1%, the dermal LD_{50} for the product appears to be greater than 2 g/kg. We are currently conducting a dermal toxicity study at 5 g/kg and will submit upon completion. **Category III/IV**
Acute Inhalation Toxicity Guideline 81-3	Citing air sampling study conducted with lavendar mothproofer showing minimal inhalation exposure (ppb) after 8-hours under worst case conditions and slow rate of evaporation. See risk assessment attached. As requested, we will be conducting an inhalation study representing a worst case consumer exposure (10X) to animals. **Category IV**
Primary Eye Irritation Guideline 81-4 (no 24-hour wash)	Irritation and opacity clearing within 7 days in all 6 rabbits. **Category III**
Primary Skin Irritation (Human)	No significant irritation resulting from 8-hour semi-occluded exposure. **Category IV**
Dermal Sensitization Guideline 81-6	Waiver is requested based on negligible repeated skin contact.

RECD [illegible] P/OPPD1
'97 JAN 21 P4:02

BACK PANEL

Recede 14490P163

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION: Causes eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT: IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

1. (Separate the two units.) (Remove backing (cardboard) label from unit using pull tab.) Slowly remove foil label from the (fragrance) cartridge using (pull)(peel) tab. Do not remove or puncture (white) (clear) film protecting (colored) (fragrance) (concentrate) (gel). This film controls the release of concentrated (freshening) (cedar) (protection) ingredients. (Insert cartridge into holder unit.)

2. This product can be placed inside drawers and storage boxes or hung in closets. Use one unit in smaller (average size) closets, drawers or boxes, two in larger closets, drawers or boxes (and close tightly). **Important**: For maximum effectiveness, closets, drawers or boxes must be kept as air tight as possible. Dry clean clothes (garments) (fabrics) before storing (Clean clothes (garments) (fabrics) before storing).

3. When the (fragrance) concentrate (gel) dries and cracks (turns to powder), this signals replacement time (for the cartridge). (Replace all (name) (units) every (one) (two) (three) (four) months (season). Replace stored units every storage season.

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060. Approval expires 2-28-95

EPA

United States
Environmental Protection Agency
Washington, DC 20460

[ ] Registration
[XX] Amendment
[ ] Other

OPP Identifier Number: 262684

Application for Pesticide - Section I

1. Company/Product Number: 4822 - UIL

2. EPA Product Manager: John Tice

3. Proposed Classification: [ ] None [ ] Restricted

4. Company/Product (Name): Recede 14490P163

PM#: BPPD

5. Name and Address of Applicant *(Include ZIP Code)*:
S.C. Johnson & Son, Inc.
1525 Howe Street
Racine, WI 53403-2236

[ ] *Check if this is a new address*

6. **Expedited Reveiw.** In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:
EPA Reg. No. _____
Product Name _____

Section - II

[XX] Amendment - Explain below.
[ ] Resubmission in response to Agency letter dated _____
[ ] Notification - Explain below.
[ ] Final printed labels in repsonse to Agency letter dated _____
[ ] "Me Too" Application.
[ ] Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
Withdrawal of basic and alternate formulae, and submissio. of new basic formulation.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify)
ertification must be submitted	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information: [ ] Label [ ] Container

4. Size(s) Retail Container

5. Location of Label Directions: [ ]

6. Manner in Which Label is Affixed to Product: [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
James H. Wallace, Jr.	Registration Specialist	(414) 260 6881

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowlingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received **(Stamped)**

2. Signature: James H. Wallace Jr.

3. Title: Registration Specialist

4. Typed Name: James H. Wallace, Jr.

5. Date: May 12, 1998

EPA Form 8570-1 (Rev. 3-94) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant Copy

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

INSTRUCTIONS: This form is to be used for all applications for new registration, end use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper or a mockup of the proposed label. If prepared as a mockup, it should be constructed in such a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.
Submission of Data - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended registration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.
Block A - Check the appropriate action for which you are submitting this form.

SECTION I - This section must be completed, as applicable, for all registration actions.

1. Company/Product Number - Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
2. EPA Product Manager - If known, fill in the name and PM number of the EPA Product Manager.
3. Proposed Classification - Specify the proposed classification of this product.
4. Product Name - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. Name and Address of Applicant - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. Expedited Review - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. Subject of submission - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; general label revision of use directions." Attach a separate page if additional space is needed.

SECTION III (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

1. Type of Packaging - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. Type of Retail Container - Indicate type of container in which product will be marketed.
3. Location of Net Contents - Specify the net contents of all retail containers for your product.
4. Size(s) of Retail Container - Specify the net contents of all retail containers for your product.
5. Location of Use Directions - Indicate the location of the use directions for your product.
6. Manner in which label is affixed to product - Indicate the method product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

1-5. Self-explanatory.
6. EPA Use Only.

S. C. Johnson & Son, Inc.
1525 Howe Street
Racine, WI 53403-2236
Phone: (414) 260-2000

May 12, 1998

via overnight courier

Mr. John Tice, Regulatory Action Leader
Biopesticides and Pollution Prevention Division
Office of Pesticide Programs
U.S. Environmental Protection Agency
2800 Crystal Drive - Fifth Floor, North
Arlington, VA 22202

Dear John:

Re: RECEDE 14490P163
EPA File Symbol 4822-UIL
SUBMISSION OF REVISED BASIC FORMULA

Please find enclosed a revised basic formula for the subject product. The enclosed formula is identical to the alternate formula submitted on March 28, 1997. However, this new Confidential Statement of Formula (CSF) has been modified slightly for clarity pursuant to our telephone conversation earlier today. You may recall that, on July 15, 1997, [redacted] submitted a complete disclosure of the enclosed formula to the Agency. As you know, [redacted] is the manufacturer of the proprietary intermediate from which the active ingredient in the subject product is derived.

This correspondence shall also serve as our request to withdraw the original basic formula (CSF dated January 16, 1997), and the alternate formula (CSF dated March 17, 1997). I understand that the enclosed formula (CSF dated May 12, 1998) shall be considered the basic formulation for the subject product, and is now the sole formula being considered for acceptance in conjunction with registration by the Agency.

Thank you for your efforts in processing our Application. Please do not hesitate to contact me by telephone at (414) 260-6881 should you have any questions or require further information.

Best Regards,

James H. Wallace, Jr.
Registration Specialist
email: jhwallac@scj.com

Enclosures

Product ingredient source information may be entitled to confidential treatment

Product ingredient source information may be entitled to confidential treatment

FRONT PANEL

Recede 14490P163
New
(Fresh) (Pleasant) Cedar Scent
Outdoor Fresh Cedar Scent
Natural Cedar Scent
(Crisp) (Protective) Cedar Scent
(Pleasant) (Fresh) Cedar Aroma
(Country) Fresh Cedar Scent
Soft Sachet Cedar Scent
Floral Bouquet Cedar Scent
Aromatic Cedar Scent
(Pleasant) (Country) Spice Cedar Scent
(Forest) (Fresh) Cedar Scent
(Effectively) controls moth problems with a pleasant cedar scent
No unpleasant mothball smell
No harsh chemicals
No need to dry clean (or) (air out your) clothes (garments) after storage (use)
Protects clothes from moth damage
Keeps moths off clothes
Effective for one season
Cedar Formula
Protects clothes from (moth) damage for (up to) (one) (two) (three) (four) months (season long) (up to one season)
Freshens closets (drawers) while protecting clothes from (moth) damage
Repels (kills) (controls) (moths) (moth eggs and larvae) (pupae) (which cause damage to clothes) (up to one storage season)
Easy to use
No mess
Convenient to use
Unique (clothes) (garment) protection (with a fresh cedar scent)
Not only protects (your) clothes, it freshens (your) closet (drawers)
Protects (your) clothes from moths (damage) with a (natural), (fresh) (pleasant) (cedar) scent
Pleasant (cedar) protection for your clothes
Lasts up to one season
Protects clothes from moth damage for (up to) (two) (three) (four) (months) (one storage season) (one season)(all season long)

Active Ingredients:

Lavandin Oil	17.29%
Inert Ingredients:	82.71%

Contains (number) (name) (hangers) (units) (fresheners)

Net Contents: .11 oz. per unit
Net Wt. .22 oz

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements on back

RECD [illegible]/OPP/OPPDI
'97 JAN 21 P4:02

BACK PANEL

Recede 14490P163

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION: Causes eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT: IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

1. (Separate the two units.) (Remove backing (cardboard) label from unit using pull tab.) Slowly remove foil label from the (fragrance) cartridge using (pull)(peel) tab. Do not remove or puncture (white) (clear) film protecting (colored) (fragrance) (concentrate) (gel). This film controls the release of concentrated (freshening) (cedar) (protection) ingredients. (Insert cartridge into holder unit.)

2. This product can be placed inside drawers and storage boxes or hung in closets. Use one unit in smaller (average size) closets, drawers or boxes, two in larger closets, drawers or boxes (and close tightly). **Important**: For maximum effectiveness, closets, drawers or boxes must be kept as air tight as possible. Dry clean clothes (garments) (fabrics) before storing (Clean clothes (garments) (fabrics) before storing).

3. When the (fragrance) concentrate (gel) dries and cracks (turns to powder), this signals replacement time (for the cartridge). (Replace all (name) (units) every (one) (two) (three) (four) months (season). Replace stored units every storage season.

UNIT LABELING

Recede 14490P163

Active Ingredients:
Lavandin Oil 17.29%
Inert Ingredients: 82.71%

Net Wt. .11 oz.

Keep Out Of Reach Of Children

CAUTION
See Additional Precautionary Statements (On Back) (Below Before Use).

STORAGE: Store in a cool area away from children.
DISPOSAL: Wrap and put in trash collection.

EPA Reg. No. 4822-
EPA Est. No. 038534-IL-002

Questions? Comments? Call 800-558-5252 weekdays, 9-9 Eastern Time or Write Helen Johnson © *1996* S. C. Johnson & Son, Inc. Racine, WI 53403-2236 U.S.A. All Rights Reserved.

BPPD PRAT ACTION CODING FORM

PM 90: Janet Andersen **REVIEWER:** SJOBLAD

EPA REG./FILE SYMBOL 4822-(UIL) 485 ? 38-DTOL,

ACTION CODE ~~163~~ 152

SUBMISSION BARCODE ________ (pre-registration mtg. held last fall)

Date on Application 3/18/97

EPA Received Date 3/19/97

PM Received Date / /

Assigned in PRAT YES____ NO____

Completed by: S. Diana Hudson **Date**________

☺☺

FINAL ACTION

Response Code________

Response Date: / /

MOS: ________ (1) Cite-All

________ (4) Not Applicable

________ (8) Selective

CRP: Yes____ No____

Restricted Use: Yes____ No____

Manufacturing Use: Yes____ No____

Exclusive Use: Yes____ No____

JOHN- THE PROTOCOL IS ACCEPTABLE, UNDER THE ASSUMPTION THEY'RE USING THESE COMMON FRAGRANCE TYPE THINGS THEY HANG IN HOMES ANYWAYS, & THE A.I. IS NOT KNOWN TO BE TERRIBLY TOXIC. [signature] 4/4/97

S.C. JOHNSON WAX / U.S.EPA BPPD

3,8 DIOL - MEETING AGENDA

DATE

February 11, 1997

TIME

1:00 PM - 2:30 PM

LOCATION

EPA Biopesticides & Pollution Prevention Division
2800 Crystal Drive
Arlington, VA 22202

PARTICIPANTS

S.C. Johnson Wax	US EPA
Jim Wallace	Robert Torla
Rob Harrington	TBD
Chris Moeller	TBD
Dan Lawson	TBD
Heidi Uick	

PURPOSE

- Clarify data requirements for registration of p-menthane-3,8 diol (3,8 diol)
- Discuss claims made in conjunction with registration of 3,8 diol
- Discuss realistic timing objectives for registration

AGENDA

- Introduction and review of objectives - Jim Wallace (1:00 - 1:05)

S.C. Johnson Wax / U.S. EPA BPPD
3,8 Diol Meeting Agenda
Page 2 of 2

- Discussion of consumer needs for natural repellent - Chris Moeller (1:05 - 1:10)
- Overview of 3,8 Diol - Jim Wallace (1:10 - 1:15)
- Toxicology data requirements - Rob Harrington (1:15 - 1:35)
- Product Chemistry data requirements - Heidi Uick (1:35 - 1:55)
- Discussion of desired claims - Chris Moeller (1:55 - 2:05)
- Clarification of efficacy data requirements - Dan Lawson (2:05 - 2:15)
- Registration timing - Jim Wallace (2:15 - 2:25)
- Conclusion - Jim Wallace (2:25 - 2:30)
- Adjourn (2:30)

S. C. Johnson & Son, Inc.
1525 Howe Street
Racine, WI 53403-2236
Phone: (414) 260-2000

November 7, 1997

via overnight courier

Mr. John Tice, Regulatory Action Leader
U. S. Environmental Protection Agency
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division
2800 Crystal Drive, Fifth Floor - North
Arlington, VA 22202

Re: Meeting request

Dear John:

During our telephone conversation yesterday, you kindly arranged a meeting to discuss product chemistry and risk assessment issues relating to our forthcoming Application for Registration of *Granola 97*. Following are the details of our conversation.

We agreed to meet for a general discussion over lunch on Wednesday, November 12, from 11:30 AM to 12:30 PM. Attending with me from S.C. Johnson & Son, Inc. (SCJ) will be Ms. Charla Gervers, Registration Specialist, and Ms. Usha Vedula, Research Toxicologist. We understand that you plan to meet with us by yourself, however feel free to invite additional BPPD staff as you deem appropriate.

After the general discussion, we will meet at 12:30 PM with you, Roy Sjoblad and BPPD risk assessment specialists to discuss the Agency's planned risk assessment approach with respect to our Application. As you requested, I have enclosed a toxicology data matrix, summary of toxicology study results and draft labeling for an end-use product containing the active ingredient in *Granola 97*. These materials should prove useful in preparing for our discussion.

At the conclusion of our risk assessment discussion (approximately 1:00 PM), Freshteh Toghrol will join us to provide direction in preparation of a Confidential Statement of Formula for *Granola 97*. I have enclosed the results of our Preliminary Analysis study along with a flow chart depicting the synthesis of *Granola 97* to aid in our discussion. We expect to conclude at 1:30 PM.

John, we really appreciate your willingness to take the time to meet with us. We look forward to seeing you on Wednesday.

Best Regards,

James H. Wallace, Jr.
Registration Specialist
Mail Station 126
email: jhwallac@scj.com

Enclosures

S.C. Johnson Wax

Insect Repellent

DRAFT

NEW!

Provides protection from mosquitoes, biting flies, ticks, gnats, no-see-ums and chiggers
Repels insects
Light, pleasant scent
Clean fresh scent
Unscented
Spritz (Spray)
Non-greasy
Not sticky or greasy
Leaves your skin feeling smooth and natural
Feels great on...Keeps bugs OFF!
Outdoor protection
Protection from annoying mosquitoes (biting insects)
Waterproof

ACTIVE INGREDIENT:

p-Menthane-3,8-diol*	10.0%
OTHER INGREDIENTS	90.0%

** cis/trans isomer ratio: min. 60% (+/-) cis and max. 40% (+/-) trans*

KEEP OUT OF REACH OF CHILDREN

WARNING

See back panel for additional precautionary statements and complete directions for use.

Net Weight: 0.4 thru 12 fl. oz.

OFF! (Spray or Lotion) 's chemical-free formula uses only human-friendly plant oils to repel bugs naturally. You can feel good about putting it on you and your family. OFF! (Spray or Lotion) is effective dependable protection that feels great on -- not sticky or greasy -- and it has a light, clean fragrance.

...And because it's from the makers of OFF!, it's specially formulated to effectively repel mosquitoes, ticks, biting flies, gnats, no-see-ums and chiggers for up to 2 hours.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

WARNING: May cause eye injury. Use sparingly on small children. Do not allow use by small children without close adult supervision. Do not apply to excessively sunburned or damaged skin. For external use only.

DRAFT

FIRST AID

If In Eyes: Flush with plenty of water. If irritation persists, get medical treatment.
If Swallowed: Call a physician or poison control center. Get medical attention.

If you suspect that you or your child is reacting to this product , wash treated skin and call your doctor.

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all directions before using this product.

For best results, spread evenly and completely over all exposed skin. Apply to hand for application to face and neck. Do not apply to eyes or mouth, and do not apply to the hands of children. Excessive or frequent reapplication is unnecessary. For longer lasting insect protection, reapply after swimming, excessive perspiring or anytime after towel drying. After returning indoors, wash treated skin with soap and water. (Do not apply under clothing.)

STORAGE: Store away from heat or flame in an area inaccessible to children.
DISPOSAL: Do not reuse empty container. Wrap container and place in trash.

(Alternate Disposal Statement)

DISPOSAL: Please recycle - check to see if recycling facilities exist in your area for HDPE plastic. Before offering for recycling, empty container by using in accordance with label directions. Do not reuse empty container.

Questions? Comments? Call 800-558-5252 or write Helen Johnson. © (1998)(1999) S.C. Johnson & Son, Inc. Racine, WI 53404-2236 U.S.A. All rights reserved.

EPA Reg. No. 4822-xxx EPA Est. No. 4822-WI-1

MESSAGE Dated: 11/3/97 at 5:42 PM
Subject: HED/FQPA Contents: 2
Sender: Charla Gervers /Racine,WWCP

Item 1

TO: James H. Wallace Jr. /Racine,WWCP

Item 2

Here's the party line message:
We are trying to anticipate the needs of EPA and assure that we are generating all the data necessary to support our compound, and as such, we are trying to investigate how best to address FQPA. From RD's perspective, they are telling us to submit a "white paper" with summary/bullet point information and that if they have a concern with this information they may require a detailed analysis be performed. Having been caught in a project (RD) which was impacted by an 11 month delay due to FQPA, we would like to anticipate up front BPPD's needs for this project. We very much wish to submit a complete package so that we eliminate additional cycles. If we need to develop data, perform additional assessments, etc. then we would rather know that now if possible. Here are some specific questions that we need to know for BPPD:

1) Does BPPD use the same exposure review group (i.e., HED) for exposure/risk/FQPA assessments? (If yes, then just try and get a feel for BPPD's preferences..... we'll have to go directly to HED and find out the criteria??)

2) If not, where is the BPPD exposure group in terms of SOPs for evaluating FQPA assessments? Are the draft SOPs published this summer going to govern the way that all branches of EPA conduct FQPA assessments?

3) Can you give us perspective into when we would need to perform the detailed FQPA assessment? (e.g. New Use of an existing AI, New AI, >1000mg/kg, etc.) A detailed explanation of each criterion would be most helpful.

4) Per your conversations previously with BPPD, it is your understanding that you do not need to include an FQPA assessment because of the fact that this does not include "Food Uses" which has not proven to be true for traditional active ingredient's handled through RD. Can you help us to understand the differences and the possible reasons why we may not have to conduct this asessment for a biopesticide? (Not that we're dying to but we'd rather know now than a year from now!).

5) How does BPPD expect that FQPA reviews will affect registration timing? We have a fairly good feel for the historical review times but are unsure how to factor FQPA review into the overall timeline for EPA review/approval of our product?

6) Who is a good person for us to contact and so that we can monitor the FQPA/exposure assessment issues in the BPPD branch?

CSF. Usda Updated Charla Germans.

- Part ingredient @ < 0.1 % for all ND/NQ ingredients.
- ID % of C3 & TRES.

Analytical method.

Risk Assessment.

Use Tool

- HAZ ID DOSE RESP HAZ ASS RISK Char.

Determine route of Exp.

① ID HAZARD.

② Exposure.

if Cat 4 for inhalation = no Inh. Risk Exposure

adults 100x children 1,000 or 3,000 x safety factor.

S.C. Johnson Wax

Insect Repellent

DRAFT

NEW!

Provides protection from mosquitoes, biting flies, ticks, gnats, no-see-ums and chiggers
Repels insects
Light, pleasant scent
Clean fresh scent
Unscented
Spritz (Spray)
Non-greasy
Not sticky or greasy
Leaves your skin feeling smooth and natural
Feels great on...Keeps bugs OFF!
Outdoor protection
Protection from annoying mosquitoes (biting insects)
Waterproof

ACTIVE INGREDIENT:
p-Menthane-3,8-diol* 10.0%
OTHER INGREDIENTS 90.0%

** cis/trans isomer ratio: min. 60% (+/-) cis and max. 40% (+/-) trans*

KEEP OUT OF REACH OF CHILDREN

WARNING

See back panel for additional precautionary statements and complete directions for use.

Net Weight: 0.4 thru 12 fl. oz.

OFF! (Spray or Lotion) 's chemical-free formula uses only human-friendly plant oils to repel bugs naturally. You can feel good about putting it on you and your family. OFF! (Spray or Lotion) is effective dependable protection that feels great on -- not sticky or greasy -- and it has a light, clean fragrance.

...And because it's from the makers of OFF!, it's specially formulated to effectively repel mosquitoes, ticks, biting flies, gnats, no-see-ums and chiggers for up to 2 hours.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

WARNING: May cause eye injury. Use sparingly on small children. Do not allow use by small children without close adult supervision. Do not apply to excessively sunburned or damaged skin. For external use only.

Pages 30-38 Claimed confidential by submitter

CHEMICAL NAME/PESTICIDE CHEMICAL CODE (PCC) REQUEST FORM*

8-1 of 2

CR#: 98-0190

REQUESTOR NAME: John Tice REQUEST DATE: 5/8/98

TEL.: ( ) 308-8295 ORG.: _____ ROOM: ___ MAIL CODE: _____
(DIV./BR./SEC.)

CSF ATTACHED:

- ☐ YES If CSF is attached complete Item A and the chemical name in Item B.
- ☐ NO If CSF is not attached complete Items A through C.

A. INFORMATION REQUIRED:

✓Check Applicable Category

- ☐ Provide PCC and Tolerance Exemption Status For Food-Use Inert Ingredient(s)
- ☐ Provide PCC for Non-Food Use Inert Ingredient (s)
- ☐ Provide PCC for Active Ingredient(s)
- ☐ Provide PCC for Dye
- ☑ Determine if Fragrance is Acceptable for Use in Formulation
- ☐ Other (Describe): _____

B. INGREDIENT INFORMATION:

Ingredient No. 1:
Chem. Name: [redacted]
Trade Name:
CAS Reg. No.: [redacted]

Ingredient No. 2:
Chem. Name: [redacted]
Trade Name:
CAS Reg. No.: [redacted]

Ingredient No. 3:
Chem. Name: [redacted]
Trade Name:
CAS Reg. No.: [redacted]

Ingredient No. 4:
Chem. Name: [redacted]
Trade Name:
CAS Reg. No.: [redacted]

C. PESTICIDE PRODUCT INFORMATION:

EPA Reg. No./File Symbol: 4822-UIL Product Name: _____
Registrant: _____ Food-Use Pesticide: ☐ YES ☐ NO
Percent in Formulation (For Fragrance/Dyes only): _____

INFORMATION REPORTED:

Ingredient No. 1: [redacted]
PCC: _____
TOL. STATUS: _____
OTHER INF.: _____

Ingredient No. 2: [redacted]
PCC: _____
TOL. STATUS: _____
OTHER INF.: _____

Ingredient No. 3: [redacted]
PCC: _____
TOL. STATUS: _____
OTHER INF.: _____

Ingredient No. 4: [redacted]
PCC: _____
TOL. STATUS: _____
OTHER INF.: _____

Completed By: LINDA FAN Date Completed: 05/21/98

Once completed, this form may be entitled to treatment as CBI under section 10 of FIFRA. If so, a red FIFRA CBI cover should be affixed to the request form and the document handled accordingly.

Inert ingredient information may be entitled to confidential treatment

CHEMICAL NAME/PESTICIDE CHEMICAL CODE (PCC) REQUEST FORM*

p-2 of 2

CR#:_____

REQUESTOR NAME:_____ REQUEST DATE: 5/18/98
TEL.:(__)_____ ORG.:_____ ROOM:____ MAIL CODE:_____
(DIV./BR./SEC.)

CSF ATTACHED:

- ☐ YES If CSF is attached complete Item A and the chemical name in Item B.
- ☐ NO If CSF is not attached complete Items A through C.

A. INFORMATION REQUIRED:

✓Check Applicable Category

- ☐ Provide PCC and Tolerance Exemption Status For Food-Use Inert Ingredient(s)
- ☐ Provide PCC for Non-Food Use Inert Ingredient (s)
- ☐ Provide PCC for Active Ingredient(s)
- ☐ Provide PCC for Dye
- ☐ Determine if Fragrance is Acceptable for Use in Formulation
- ☐ Other (Describe):_____

B. INGREDIENT INFORMATION:

Ingredient No. 1:
Chem. Name:
Trade Name:
CAS Reg. No.:

Ingredient No. 2:
Chem. Name: Cyclohexanepropanol, 2,2,6-trimethyl-.alpha.-propyl-
Trade Name:
CAS Reg. No.:

Ingredient No. 3:
Chem. Name:
Trade Name:
CAS Reg. No.:

Ingredient No. 4:
Chem. Name:
Trade Name:
CAS Reg. No.:

C. PESTICIDE PRODUCT INFORMATION:

EPA Reg. No./File Symbol: _____ ProductName:_____
Registrant: _____ Food-Use Pesticide: ☐ YES ☐ NO
Percent in Formulation (For Fragrance/Dyes only): _____

INFORMATION REPORTED:

Ingredient No. 1:
PCC:
TOL. STATUS:
OTHER INF.:

Ingredient No. 2:
PCC:
TOL. STATUS:
OTHER INF.:

Ingredient No. 3:
PCC:
TOL. STATUS:
OTHER INF.:

Ingredient No. 4:
PCC:
TOL. STATUS:
OTHER INF.:

Completed By: LINDA FORM Date Completed: 05/28/98

Inert ingredient information may be entitled to confidential treatment

ice completed, this form may be entitled to treatment as CBI under section 10 of FIFRA. If so, a red FIFRA CBI cover should be affixed to the request form and the document handled accordingly.

Pages 41-42 Product ingredient source information may be entitled to confidential treatment

[Federal Register: May 6, 1998 (Volume 63, Number 87)]
[Notices]
[Page 25033-25036]
>From the Federal Register Online via GPO Access [wais.access.gpo.gov]
[DOCID:fr06my98-52]

ENVIRONMENTAL PROTECTION AGENCY

[OPP-66250; FRL 5784-1]

Notice of Receipt of Requests to Voluntarily Cancel Certain Pesticide Registrations

AGENCY: Environmental Protection Agency. (EPA)

ACTION: Notice.

SUMMARY: In accordance with section 6(f)(1) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, EPA is issuing a notice of receipt of requests by registrants to voluntarily cancel certain pesticide registrations.

DATES: Unless a request is withdrawn by November 2, 1998, orders will be issued cancelling all of these registrations.

FOR FURTHER INFORMATION CONTACT: By mail: James A. Hollins, Office of Pesticide Programs (7502C), Environmental Protection Agency, 401 M St., SW., Washington, DC 20460. Office location for commercial courier, delivery, telephone number and e-mail: Rm. 216, Crystal Mall #2, 1921 Jefferson Davis Highway, Arlington, VA, (703) 305-5761; e-mail: hollins.james@epamail.epa.gov.

SUPPLEMENTARY INFORMATION:

I. Introduction

Section 6(f)(1) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, provides that a pesticide registrant may, at any time, request that any of its pesticide registrations be cancelled. The Act further provides that EPA must publish a notice of receipt of any such request in the Federal Register before acting on the request.

II. Intent to Cancel

This Notice announces receipt by the Agency of requests to cancel some 54 pesticide products registered under section 3 or 24(c) of FIFRA. These registrations are listed in sequence by registration number (or company number and 24(c) number) in the following Table 1.

Table 1--Registrations With Pending Requests for Cancellation

Registration No.	Product Name	Chemical Name
000334-00245.....	Hysan ``006'' Weed Killer	5-Bromo-3-sec-butyl-6-methyluracil
		Acetic acid, (2,4-dichlorophenoxy)-, 2-ethylhexyl ester
000352 OR-88-0005.....	Vendex 50 Wettable Powder Miticide	Hexakis(2-methyl-2-phenylpropyl)distannoxane
000769-00686.....	SMCP Diazinon Insect Spray	O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate
000769-00688.....	SMCP Diazinon 4S	O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate
000769-00691.....	SMCP Diazinon RP 12.5 E Insecticide	Aromatic petroleum derivative solvent
		O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate
000769-00693.....	SMCP Diazinon RP 25E	O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate
000769-00695.....	SMPC Diazinon 6-S	O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate
		Aliphatic petroleum hydrocarbons
000769-00708.....	SMPC Diazinon 12.5% Insect Spray	O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate
		Xylene range aromatic solvent
000769-00749.....	Insecticide Liquid, Diazinon, 1%	O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate
000769-00820.....	Diazinon 4AG	O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate
000769-00864.....	Pratt Diazinon 18E Insect Spray	O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate
000769-00959.....	Pratt Diazinon Ag4E Insect Spray	O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate
000802-00438.....	Miller's Whack Wasp-Hornet-Ant-Roach Killer	o-Isopropoxyphenyl methylcarbamate

000892-00026..... Germotox Disinfectant Deodorant 2-Benzyl-4-chlorophenol

4-tert-Amylphenol

Sodium o-phenylphenate

001839-00082..... Disinfectant Pump Spray Isopropanol

Alkyl* dimethyl benzyl ammonium chloride *(60%C<INF>14, 30%C<INF>16, 5%C<INF>18, 5%C<INF>12)

Alkyl* dimethyl ethylbenzyl ammonium chloride *(68%C<INF>12, 32%C<INF>14)

[[Page 25034]]

004787 OR-96-0003..... Fyfanon ULV O,O-Dimethyl phosphorodithioate of diethyl mercaptosuccinate

004822-00131..... Raid Aqueous Ant and Roach Killer O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate

(Butylcarbityl)(6-propylpiperonyl) ether 80% and related compounds 20%

Pyrethrins

004822-00156..... Raid Water-Based Residual Liquid O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate

004822-00171..... Raid Roach & Ant Killer O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate

(1-Cyclohexene-1,2-dicarboximido)methyl2,2-dimethyl-3-(2-methylpropenyl)cycloprop

004822-00175..... Raid Formula 34 Insect Spray O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate

(Butylcarbityl)(6-propylpiperonyl) ether 80% and related compounds 20%

Pyrethrins

004822-00176..... Raid Formula 33 Insect Spray O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate

004822-00177..... Raid Formula 32 Insect Spray O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate

004822-00178.....	Raid Formula 36 Insect Spray	O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate
		(Butylcarbityl)(6-propylpiperonyl) ether 80% and related compounds 20%
		Pyrethrins
004822-00179.....	Insect Spray for Crawling Insects	O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate
004822-00182.....	Raid Household Roach & Ant Killer	O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate
		(1-Cyclohexene-1,2-dicarboximido)methyl 2,2-dimethyl-3-(2-methylpropenyl)cycloprop
004822-00213.....	Raid Formula D147 for Crawling Insects	O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate
		(1-Cyclohexene-1,2-dicarboximido)methyl 2,2-dimethyl-3-(2-methylpropenyl)cycloprop
004822-00218.....	Raid Roach & Ant Killer Formula III	O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate
		(1-Cyclohexene-1,2-dicarboximido)methyl 2,2-dimethyl-3-(2-methylpropenyl)cycloprop
004822-00219.....	Raid Roach & Ant Killer Formula IV	O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate
		Pyrethrins
004822-00285.....	Raid Flea Killer VI Plus	O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate
		(Butylcarbityl)(6-propylpiperonyl) ether 80% and related compounds 20%
		Pyrethrins
		Isopropyl (2E,4E)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate
004822-00291.....	Raid Flea Killer V Plus	O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate
		(Butylcarbityl)(6-propylpiperonyl) ether 80% and related compounds 20%
		Pyrethrins

Ethyl 2-(p-phenoxyphenoxy)ethyl carbamate

004822-00322..... Raid Ant & Roach Killer 5 O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate

(Butylcarbityl)(6-propylpiperonyl) ether 80% and related compounds 20%

Pyrethrins

010182 OR-94-0003..... Dyfonate II 15-G Granular Insecticide O-Ethyl S-phenyl ethylphosphonodithioate

010182 OR-94-0004..... Dyfonate II 15-G Granular Insecticide O-Ethyl S-phenyl ethylphosphonodithioate

010370-00163..... Flea, Tick, & Mange Dip O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate

028293-00034..... Unicorn Dursban Flea Spray for Dogs O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate

028293-00051..... Unicorn Chlorpyrifos Dog Dip O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate

028293-00238..... Unicorn Dursban Flea & Tick Dog Dip O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl)

phosphorothioate

028293-00257..... Unicorn Dursban Room Fogger N-Octyl bicycloheptene dicarboximide

O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate

(Butylcarbityl)(6-propylpiperonyl) ether 80% and related compounds 20%

Pyrethrins

034704-00515..... Azinphos Methyl 50 W O,O-Dimethyl S-((4-oxo-1,2,3-benzotriazin-3(4H)-yl)methyl) phosphorodithioate

050534 FL-95-0004..... Bravo 720 Tetrachloroisophthalonitrile

[[Page 25035]]

051036-00186..... Micro Flo Dyfonate 2-G O-Ethyl S-phenyl ethylphosphonodithioate

056228 TX-95-0002..... Zinc Phosphide Concentrate for Mouse Control Zinc phosphide (Zn3P2)

057908 GA-92-0004..... Dayfonate 11 15-G Granular Insecticide — O-Ethyl S-phenyl ethylphosphonodithioate

059639-00030..... Orthene Specialty Concentrate — O,S-Dimethyl acetylphosphoramidothioate

062719-00194..... Tapp Powdered Pyrethrum — Pyrethrins

062719-00195..... B & G Tapp 1.3 — Pyrethrins

062719-00196..... B&g SYN-PY-TE-35 Transparent Emulsion Spray — (5-Benzyl-3-furyl)methyl 2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate

062719-00199..... Dursban 1 D — O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate

062719-00201..... B & G Pyrenone General Purpose Spray — (Butylcarbityl)(6-propylpiperonyl) ether 80% and related compounds 20%

Pyrethrins

062719-00202..... Tapp General Purpose Residual Spray — Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-,

062719-00204..... Syn-Perm Insecticide for Plants — Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-,

062719-00205..... B & G Flexi - Dust — (Butylcarbityl)(6-propylpiperonyl) ether 80% and related compounds 20%

Pyrethrins

063244-00001..... Roof Saver — Copper (metallic)

Zinc

066249-00001..... Bug Master Strips — Oil of citronella

Unless a request is withdrawn by the registrant within 180 days of publication of this notice, orders will be issued cancelling all of these registrations. Users of these pesticides or anyone else desiring the retention of a registration should contact the applicable registrant directly during this 180-day period. The following Table 2 includes the names and addresses of record for all registrants of the products in Table 1, in sequence by EPA Company Number.

Table 2.--Registrants Requesting Voluntary Cancellation

EPA Company No.	Company Name and Address

000334.. Hysan, A Division of Specialty Chemical Resources, 9055 Freeway Drive, Macedonia, OH 44056.

000352.. E. I. Du Pont De Nemours & Co., Inc., Barley Mill Plaza, Walker's Mill, Wilmington, DE 19880.

000769.. Sureco Inc., An Indirect Subsidiary of Ringer Corporation, 9555 James Ave., South, Suite 200, Bloomington, MN 55431.

000802.. Chas H. Lilly Co., Box 83179, Portland, OR 97283.

000892.. Pioneer Mfg. Co., 4529 Industrial Parkway, Cleveland, OH 44135.

001839.. Stepan Co., 22 W. Frontage Rd., Northfield, IL 60093.

004787.. Cheminova Agro A/S, 1700 Route 23, Suite 210, Wayne, NJ 07470.

004822.. S.C. Johnson & Son Inc., 1525 Howe Street, Racine, WI 53403.

010182.. Zeneca Ag Products, Box 15458, Wilmington, DE 19850.

010370.. AgrEvo Environmental Health, 95 Chestnut Ridge Rd., Montvale, NJ 07645.

028293.. Unicorn Laboratories, 12385 Automobile Blvd., Clearwater, FL 33762.

034704.. Cherie Garner, Agent For: Platte Chemical Co Inc., Box 667, Greeley, CO 80632.

050534.. ISK Biosciences Corp., 5966 Heisley Rd., Box 8000, Mentor, OH 44061.

051036.. Micro-Flo Co., Box 5948, Lakeland, FL 33807.

056228.. U.S. Department of Agriculture, Animal & Plant Health Inspection Service, 4700 River Rd., Unit 152, Riverdale, MD 20737.

057908.. Metam Sodium Task Force, c/o Stauffer Chemical Co., 1200 South 47th St., Richmond, CA 94804.

059639.. Valent U.S.A. Corp., 1333 N. California Blvd, Ste 600, Walnut Creek, CA 94596.

062719.. Dow Agrosciences LLC, 9330 Zionsville Rd., 308/3E, Indianapolis, IN 46268.

063244.. Greg Ripke, Box 475, Veneta, OR 97487.

066249.. Bug Master Products, 50 Hollworthy St., Rochester, NY 14606.

[[Page 25036]]

III. Procedures for Withdrawal of Request

Registrants who choose to withdraw a request for cancellation must submit such withdrawal in writing to James A. Hollins, at the address given above, postmarked before November 2, 1998. This written withdrawal of the request for cancellation will apply only to the applicable 6(f)(1) request listed in this notice. If the product(s) have been subject to a previous cancellation action, the effective date of cancellation and all other provisions of any earlier cancellation action are controlling. The withdrawal request must also include a commitment to pay any reregistration fees due, and to fulfill any applicable unsatisfied data requirements.

IV. Provisions for Disposition of Existing Stocks

The effective date of cancellation will be the date of the cancellation order. The orders effecting these requested cancellations will generally permit a registrant to sell or distribute existing stocks for 1 year after the date the cancellation request was received. This policy is in accordance with the Agency's statement of policy as prescribed in Federal Register (56 FR 29362) June 26, 1991; [FRL 3846-4]. Exceptions to this general rule will be made if a product poses a risk concern, or is in noncompliance with reregistration requirements, or is subject to a data call-in. In all cases, product-specific disposition dates will be given in the cancellation orders.

Existing stocks are those stocks of registered pesticide products which are currently in the United States and which have been packaged, labeled, and released for shipment prior to the effective date of the cancellation action. Unless the provisions of an earlier order apply, existing stocks already in the hands of dealers or users can be distributed, sold or used legally until they are exhausted, provided that such further sale and use comply with the EPA-approved label and labeling of the affected product(s). Exceptions to these general rules will be made in specific cases when more stringent restrictions on sale, distribution, or use of the products or their ingredients have already been imposed, as in Special Review actions, or where the Agency has identified significant potential risk concerns associated with a particular chemical.

List of Subjects

Environmental protection, Pesticides and pests, Product registrations.

Dated: April 13, 1998.

Linda A. Travers,

Director, Information Resources and Services Division, Office of Pesticide Programs.

[FR Doc. 98-11760 Filed 5-5-98; 8:45 am]
BILLING CODE 6560-50-F

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs

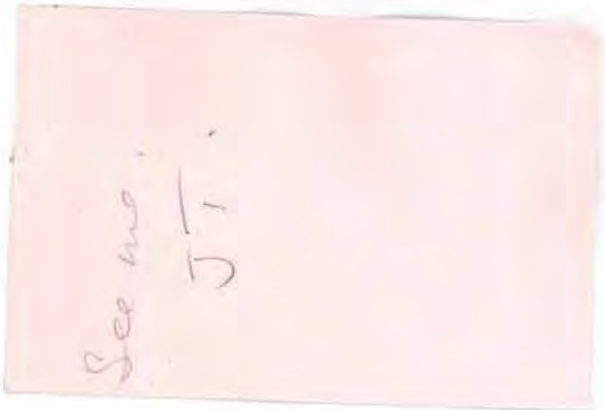
JUL 0 3 1997

S.C. JOHNSON & SON, INC.
1525 HOWE ST.
RACINE, WI 53403

Report of Analysis for Compliance with PR Notice 86-5

Thank you for your transmittal of 07/01/97. Our staff has completed a preliminary analysis of the material. The results are provided as follows:

Your submittal was found to be in full compliance with the standards for submission of data contained in PR Notice 86-5. A copy of your bibliography is enclosed, annotated with Master Record ID's (MRIDs) assigned to each document submitted. Please use these numbers in all future references to these documents. Thank you for your cooperation. If you have any questions concerning this data submission, please raise them with the cognizant Product Manager, to whom the data have been released.



443099-00

S.C. Johnson & Son, Inc.
1525 Howe Street
Racine, WI 53403-2236
Phone: (414) 631-2000

June 27, 1997

VIA OVERNIGHT COURIER

Mr. John Tice, Regulatory Action Leader
Biopesticides and Pollution Prevention Division
Office of Pesticide Programs
U.S. Environmental Protection Agency
Document Processing Desk (7504C)
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Dear Mr. Tice:

Re: RECEDE 14490P163
EPA File Symbol 4822-UIL
SUBMISSION OF ADDITIONAL ACUTE TOXICOLOGY DATA

Pursuant to our pre-registration meeting and subsequent correspondence and conversations with your office, S.C. Johnson & Son, Inc. is pleased to submit additional acute toxicology data in support of our application for registration of the subject pesticide product.

Included in this submission are the following data, three copies of which are enclosed in compliance with PR Notice 86-5,

Acute Dermal Toxicity Study with Recede #14490P163 in Rats; Kuhn, J.; (1997); 13 pages.
MRID # 44309901

Acute Inhalation Safety Evaluation on a Mothproofer Product in Rats; Hilaski, R.; (1997); 45 pages.
MRID # 44309902

The data derived from these studies support the precautionary statements proposed for the labeling of the subject product. The inhalation study showed no adverse effects in rats resulting from a four-hour exposure to the test article at a concentration equivalent to 100 times the concentration expected under normal use conditions. The dermal study estimated the acute dermal LD_{50} to be greater than 5050 mg/kg body weight. The proposed labeling is appropriate for the category III/IV dermal toxicity rating assigned to the subject product.

Thank you for your further consideration of our application. Please do not hesitate to contact me by telephone at (414) 260-6881 should you have any questions or require further information.

Best Regards,

S.C. JOHNSON & SON, INC.

James H. Wallace, Jr.
Registration Specialist
email: jhwallac@scj.com

Enclosures

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98

EPA

United States
Environmental Protection Agency
Washington, DC 20460

[ ] Registration
[ ] Amendment
[X] Other

OPP Identifier Number: 242593

Application for Pesticide - Section I

1. Company/Product Number: 4822 - UIL

2. EPA Product Manager: John Tice

3. Proposed Classification: [ ] None [ ] Restricted

4. Company/Product (Name): Recede 14490P163

PM#: BPPD

5. Name and Address of Applicant *(Include ZIP Code)*
S.C. Johnson & Son, Inc.
1525 Howe Street
Racine, WI 53403-2236

[ ] *Check if this is a new address*

6. **Expedited Review.** In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:
EPA Reg. No. _____
Product Name _____

Section - II

[ ] Amendment - Explain below.
[ ] Resubmission in response to Agency letter dated _____
[ ] Notification - Explain below.
[ ] Final printed labels in response to Agency letter dated _____
[ ] "Me Too" Application.
[X] Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission of Additional Acute Toxicology Data in support of Registration

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes* [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify)
Certification must be submitted	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information: [ ] Label [ ] Container

4. Size(s) Retail Container

5. Location of Label Directions: [ ] On Label [ ] On Labeling accompanying product

6. Manner in Which Label is Affixed to Product: [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
James H. Wallace Jr.	Registration Specialist	(414)260-6881

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature: James H. Wallace J

3. Title: Registration Specialist

4. Typed Name: James H. Wallace Jr.

5. Date: 6/27/97

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant Copy

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460.

INSTRUCTIONS: This form is to be used for all applications for new registration, end use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper for submission or a mockup of the proposed label. If prepared for mockup, it should be constructed in a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.
Submission of Data - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended reregistration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.
Block A - Check the appropriate action for which you are submitting this form.

SECTION I - This section must be completed, as applicable, for all registration actions.

1. **Company/Product Number** - Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
2. **EPA Product Manager** - If known, fill in the name and PM number of the EPA Product Manager.
3. **Proposed Classification** - Specify the proposed classification of this product.
4. **Product Name** - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. **Name and Address of Applicant** - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. **Expedited Review** - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. **Subject of submission** - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

SECTION III (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

1. **Type of Packaging** - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. **Type of Retail Container** - Indicate type of container in which product will be marketed.
3. **Location of Net Contents** - Indicate the location of the net contents information for your product.
4. **Size(s) of Retail Container** - Specify the net contents of all retail containers for your product.
5. **Location of Use Directions** - Indicate the location of the use directions for your product.
6. **Manner in which label is affixed to product** - Indicated the method product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

1-5. Self-explanatory.
6. EPA Use Only.

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060. Approval expires 05-31-98

EPA

United States
Environmental Protection Agency
Washington, DC 20460

[ ] Registration
[X] Amendment
[ ] Other

OPP Identifier Number: 250557

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
4822-UIL	John Tice	[X] None [ ] Restricted
4. Company/Product (Name)	PM#	
Recede 14490P163		

5. Name and Address of Applicant *(Include ZIP Code)*
S.C. Johnson & Son, Inc.
1525 Howe Street
Racine, WI 53403

[ ] *Check if this is a new address*

6. **Expedited Review.** In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:
EPA Reg. No. _____
Product Name _____

Section - II

[X] Amendment - Explain below.
[ ] Resubmission in response to Agency letter dated _____
[ ] Notification - Explain below.
[ ] Final printed labels in response to Agency letter dated _____
[ ] "Me Too" Application.
[ ] Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
Request for approval of Alternate Formula Amendment. Submission of Confidential Inert Ingredient Disclosures.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes* [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify)
*Certification must be submitted	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
[ ] Label [ ] Container		[ ] On Label [ ] On Labeling accompanying product

6. Manner in Which Label is Affixed to Product [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
James H. Wallace, Jr.	Registration Specialist	(414) 260-6881

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature	3. Title	6. Date Application Received (Stamped)
James H Wallace Jr	Registration Specialist	
4. Typed Name	5. Date	
James H. Wallace, Jr.	March 28, 1997	

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant Copy

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3. Proposed Classification - Specify the proposed classification of this product.
4. Product Name - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. Name and Address of Applicant - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. Expedited Review - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

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1. Subject of submission - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

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2. Type of Retail Container - Indicate type of container in which product will be marketed.
3. Location of Net Contents - Indicate the location of the net contents information for your product.
4. Size(s) of Retail Container - Specify the net contents of all retail containers for your product.
5. Location of Use Directions - Indicate the location of the use directions for your product.
6. Manner in which label is affixed to product - Indicated the method product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

1-5. Self-explanatory.
6. EPA Use Only.

S. C. Johnson & Son, Inc.
1525 Howe Street
Racine, WI 53403-2236
Phone: (414) 260-2000

APR 3 1997
BPPD

March 28, 1997

VIA OVERNIGHT COURIER

Mr. John Tice, Regulatory Action Leader
U.S. Environmental Protection Agency
Office of Pesticide Programs
Document Processing Desk (7504C)
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Dear Mr. Tice:

Re: Recede 14490P163
EPA File Symbol 4822-UIL

In the cover letter accompanying our original application for registration of the subject product, we indicated that a complete disclosure of the formulation for Recede 14490P163 (Recede) would be forthcoming. In this regard, please find enclosed the following materials:

- Formulary disclosure of *Recede 443.056 B* (Recede B).

Due to package stability concerns, we found it necessary to make a slight modification to the original Recede formulation. The original formula contained Recede 443.056 B, referred to as Recede B. In the revised formula, Recede 443.056 D (Recede D) replaces Recede B. We are requesting your approval of the Recede D formula as an alternate formulation for Recede 14490P163.

The difference in the two formulations is limited to direct substitution of [redacted] As the attached toxicity data bridging rationale indicates, [redacted] We therefore do not believe that the substitution will significantly change the toxicological profile of the product.

We have enclosed the following materials in support of our request for approval of the alternate formulation:

- Application for Pesticide Amendment, OPP ID # 250557;
- Confidential Statement of Formula for alternate formula # 21160A;
- Formulary disclosure of *Recede 443.056 D* (Recede D);
- Rationale for bridging toxicity data between Recede B and Recede D.

Manufacturing process information may be entitled to confidential treatment

We have submitted (to Roy Sjoblad - under separate cover) a proposed protocol for an Acute Inhalation Safety Evaluation as agreed upon in our pre-registration meeting last fall. We intend to conduct this study using the Recede D formulation.

Thank you for your efforts in processing our application. Please do not hesitate to contact me at (414) 260-6881 if you have any questions.

Best Regards,

James H. Wallace, Jr.
Registration Specialist

Enclosures

S. C. Johnson & Son, Inc.
1525 Howe Street
Racine, WI 53403-2236
Phone: (414) 260-2000

MAR 24 REC'D
BPPD

March 18, 1997

VIA OVERNIGHT COURIER

Mr. Roy Sjoblad, Branch Chief - Biochemicals
U.S. Environmental Protection Agency
Office of Pesticide Programs
Document Processing Desk (7504C)
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Dear Mr. Sjoblad:

Re: Recede 14490P163
EPA File Symbol 4822-UIL

During a pre-registration meeting held last fall with representatives of BPPD, S.C. Johnson agreed to conduct an Acute Inhalation Safety Evaluation of the subject product. We agreed to conduct a study entailing exposure of rats to the test material for a period of four hours at a concentration equivalent to ten times the level encountered through normal consumer use.

We also agreed to submit a proposed protocol for BPPD review and approval prior to initiating any studies. In this regard, we have enclosed said protocol for your review. Please note however that we have decided to increase the exposure concentration to a level equivalent to 100 times greater than that encountered through normal consumer use. We believe that this test will, without any doubt, lay to rest any uncertainties with respect to the potential of this product to cause adverse reactions from exposures via the inhalation route.

Please review this proposal and forward your comments directly to me at your earliest convenience. I would appreciate an opportunity to discuss the proposed study with you should any questions arise from your review. S.C. Johnson does not plan to initiate the study until I receive word from your group indicating that the enclosed protocol is acceptable. I can be reached by telephone at (414) 260-6881 or by facsimile transmission at (414) 260-4716.

Thank you for your attention to this matter. I look forward to hearing from you soon.

Best Regards,

James H. Wallace, Jr.
Registration Specialist

Enclosures

I. STUDY TITLE

Acute Inhalation Safety Evaluation on a Mothproofer Product in Rats

II. PURPOSE OF THE STUDY

The purpose of this study is to evaluate the safety of a consumer product when administered at 100 times the normal consumer use concentration via the inhalation route.

III. STUDY NUMBER

Proposal Number 97-01014

IV. TESTING FACILITY

MPI Research
54943 N. Main Street
Mattawan, Michigan 49071

V. SPONSOR

S.C. Johnson & Son, Inc.
1525 Howe Street
Racine, WI 53403-2236

VI. SPONSORS REPRESENTATIVE

Ms. Usha Vedula

VII. MPI RESEARCH RESPONSIBILITIES

Study Director:	Roger J. Hilaski, M.A. Associate, Director Inhalation Toxicology
Alternate Study Director:	Paul E. Newton, Ph.D., D.A.B.T. Director, Inhalation Toxicology
Director of Research:	W. Michael Bremer, M.D.
Director, Biostatistics and Data Management:	John R. Schultz, Ph.D.
Director, Information Technology:	Gary N. Griffiths, Ph.D.
Director, Corporate Regulatory Affairs:	William M. Harrison, B.S.
Manager, Quality Assurance:	Leslie J. York, M.S.

VII. MPI RESEARCH RESPONSIBILITIES (continued)

Director, Laboratory Operations:	Allan G. Manus, D.V.M., M.Sc. A.C.L.A.M. Diplomate
Director, Clinical Laboratory Medicine:	Larry H. Hulsebos, D.V.M., A.C.L.A.M. Diplomate
Director, Metabolism and Kinetics:	Jon C. Andre, Ph.D.
Associate Director, Planning and Scheduling:	Benjie A. Culp
Director, Pathology Division:	Johnnie J. Eighmy, D.V.M., M.S. D.A.B.T., A.C.V.P. Diplomate
Director, Pathology Services:	Karen S. Regan, D.V.M., D.A.B.T., A.C.V.P. Diplomate
Director, Clinical Pathology:	Gail L. Walter, D.V.M., M.T. (ASCP), A.C.V.P. Diplomate

VIII. SCHEDULE

Proposed Date of First Dose:

Proposed Date(s) of Terminal Necropsy:

Proposed Date of Final Report:

The study initiation date is defined as the date on which the Study Director signs and dates the Protocol. The study completion date is defined as the date on which the Study Director signs and dates the Final Report.

IX. TEST MATERIAL DATA

A. Identification:

A description, lot number, storage conditions, expiration date, safe handling procedures, as well as other relevant information will be documented in the study data.

B. Test Article Return: Any remaining used test article will be destroyed as per the sponsor's request.

The Sponsor will assume responsibility for appropriately defining the identity, purity, strength, composition (or other characteristics), and stability of the test material.

X. TEST ANIMALS

A. Species: Rat

B. Strain: Sprague Dawley derived
Crl:CD® BR VAF/Plus®

C. Source: Charles River Laboratories
9801 Shaver Road
Portage, MI 49081

D. Age at Start of Study: 8 - 12 weeks of age

E. Body Weight: Individual animal body weight for each sex will be within the ranges indicated below. All individual animals of a particular sex within a given group will be within ± 20% of the mean weight for that sex and all group means for a particular sex will be within ± 20%.

Males: 200 - 400 g
Females: 150 - 300 g

Females will be nulliparous and non-pregnant.

F. Method of Identification: Individual numbered metal ear tag.

G. Number on Study: 10 animals

H. Justification for Number on Study: This study was designed to use the fewest number of animals possible, consistent with the objective of the study, the scientific needs of the Sponsor, contemporary scientific standards and in consideration of applicable regulatory requirements.

I. Rationale for the Use of Animals for this Study: The current state of scientific knowledge dose not provide acceptable alternatives, *in vitro* or otherwise, to the use of live animals to accomplish the purpose of this study.

J. Housing: Individually caged during both the pre-exposure and the post-exposure observation periods. Colony room temperature and humidity will be between 18 and 26°C and 30 to 70% relative humidity. The photo period will be controlled for 12 hours light and 12 hours dark.

X. TEST ANIMALS (continued)

K. Acclimation: At least 7 days.

L. Reason for Selection: The rat is a universally used model for evaluating acute toxicity.

M. Randomization: The rats used for this study will be selected from a colony maintained for acute studies. The animals will appear healthy and free of any signs of disease prior to selection for this study. When two or more groups are to be exposed on the same day, the animals will be randomized into the various groups utilizing simple randomization (Standard Randomization Procedure C).

When only one group is to be exposed on a given day, formal randomization will not be required. Each animal will be given a permanent animal number and an ear tag with that number will be placed on the animal.

Animals not selected for study will be transferred to stock or euthanized by carbon dioxide inhalation.

XI. DIET AND DRINKING WATER

A. Basal Laboratory Diet Data

1. Diet: Certified Rodent Chow® #5002, PMI Feeds, Inc. Diet will be available *ad libitum* except during actual exposures.

2. Identification: Each lot utilized will be identified and recorded.

3. Contaminant Levels: Neither the Sponsor nor the Study Director is aware of any potential contaminants likely to be present in the certified diet which would interfere with the results of this study. Therefore, no analyses other than those routinely performed by the feed manufacturer will be conducted.

XI. DIET AND DRINKING WATER (continued)

B. Drinking Water

Tap water will be supplied ad libitum except during actual exposures.

The drinking water used for test animals will be monitored for specified contaminants at periodic intervals according to MPI Research Standard Operating Procedures. Neither the Sponsor nor the Study Director is aware of any potential contaminants likely to be present in the drinking water which would interfere with the results of this study. Therefore, no analyses other than those mentioned in this protocol will be conducted.

XII. STUDY DURATION

The time required to conduct this study will be approximately 2 weeks.

XIII. METHOD OF ADMINISTRATION OF THE TEST MATERIAL

Since inhalation is considered a potential route for human exposure, the compound will be administered via the inhalation route utilizing whole-body exposure methods.

XIV. EXPERIMENTAL DESIGN

The experimental design uses a 1000 L chamber which is the size of a small closet. The consumer would use one sachet in such a closet during normal use. In this study, 100 sachets will be placed in a 1000 L chamber. This represents a 100-fold increase in the number of sachets per volume of air that would typically be used during normal use of the product. Chamber airflow and diffusion will distribute the test material throughout the chamber.

A single group of 5 male and 5 female rats will be exposed for 4 hours to a vapor concentration produced from 100 sachets of the test article. The test article sachets will be suspended throughout the inhalation chamber to promote a homogeneous concentration in the test chamber.

A. Exposure Methods

Exposures will be conducted in a 1,000 liter, whole-body exposure chamber. The chambers will be operated under dynamic conditions, where the chamber ventilation air is supplied by an

XIV. EXPERIMENTAL DESIGN (continued)

HVAC system which is separate from the general laboratory systems. Chamber temperature and relative humidity (RH) will be monitored continuously and will be within 20 to 24 degrees centigrade and 40 to 60 percent RH if possible, considering the requisite exposure conditions. Chamber flow rate, temperature and relative humidity will be monitored continuously and will be recorded at approximately 30 minute intervals during each exposure. The inhalation equipment will be set to maintain 0.5 air changes per hour, an adequate oxygen content of at least 19% and uniform conditions throughout the exposure chamber.

B. Methods for Determination of Exposure Concentrations

The 100 sachets will be weighed prior to placement in the chamber and at the end of the exposure period. Nominal concentration will be determined by dividing the total weight lost from the sachets by the volume of air passed through the chamber during the 4 hour exposure period.

C. Methods of Determination of Aerosol Particle Size

This is a vapor exposure therefore, no particle size determination will be needed.

D. Observations for Clinical Signs

To the extent possible observations for clinical signs will be conducted on all animals every 15 minutes during the first exposure hour, hourly for the remaining exposure duration, immediately on removal from the exposure system and at 1, 2 and 4 hours post-exposure. During the 14 day post-exposure observation period, the animals will be observed twice; once daily for mortality and once daily for clinical signs. During the post-exposure observation period, if the death of an animal is judged to be imminent, the animal may be euthanized with Study Director approval in order to relieve unnecessary discomfort and potential pain.

The parameters which will be evaluated to determine the presence or absence of pain and/or discomfort will include: vocalizing, licking, biting, self-mutilation, restlessness, significant decrease in

XIV. EXPERIMENTAL DESIGN (continued)

mobility, reluctance to rise from a recumbent position, abnormal posture, guarding, and/or loss of appetite.

E. Body Weights

Body weights will be recorded just prior to exposure and on days 7 and 14 post-exposure. Animals will also be weighed when found dead. When an extended post-exposure observation period is required, body weights will continue to be recorded at weekly intervals.

F. Necropsy

All animals which die during the exposure, during the observation period, euthanized *in extremis* or are euthanized at the termination of the study, will undergo a complete necropsy. Euthanasia will be by intraperitoneal sodium pentobarbital and exsanguination via the abdominal aorta. The trachea will be exposed and clamped such that the lungs can be removed and examined in an inflated state. All major organ systems in the thoracic and abdominal cavities will be observed for gross abnormalities and then the carcass will be discarded. No tissues will be preserved.

XIV. STATISTICAL ANALYSIS

When appropriate, the concentration mortality data may be statistically analyzed for the LC_{50} and its confidence limits by one of the following methods.

A simplified method of evaluating dose-effect experiments J.T. Litchfield, Jr. and F. Wilcoxon J. Pharmacol. and Exp. There. Vol. 96, 1949

The determination of the dosage-mortality curve from small numbers C.I. Bliss Quart. J. Pharm. Pharmacol. Vol. 11, 1938

XV. REPORT

The report will contain a detailed description of the experimental design and methods. Individual and mean body weight data along with standard deviations surviving animals will be provided. Narrative or tabular style data on clinical signs and macroscopic abnormalities observed at necropsy will be provided. Exposure concentrations will be reported as a mean and standard deviation, or other appropriate summarization method.

XVI. PERSONNEL HEALTH AND SAFETY

Safety precautions appropriate for materials of unknown toxicity will be employed in the handling of the test compound unless indicated otherwise in Section IX.

XVII. DATA RETENTION

All raw data, documentation, records, protocols, and final reports generated as a result of this study will be retained at MPI Research and will be made available for inspection upon request by authorized personnel of the Sponsor for a period of 1 year following the completion of the study (final report issue date).

All unused test article, will be returned to the Sponsor after completion of the study.

XVIII. RECORDS TO BE MAINTAINED

A. Protocol and protocol addenda
B. Study schedule
C. Acclimation period data
D. Technical personnel list with signatures
E. Source, purchase order, shipping labels and age of animals
F. Sex verification
G. Diet lot numbers and contaminant analyses
H. Animal identification
I. Room humidity and temperature
J. General procedures
K. Scale and balance accuracy verification
L. Daily observations
M. Detailed observations for clinical signs, general appearance and behavior
N. Body weight
O. Test article data
P. General and analytical systems development data
Q. Exposure atmosphere analytical
R. Record of animal fate
S. Necropsy findings
T. Quality assurance records
U. Drinking water analysis
V. Miscellaneous study data

XIX. QUALITY ASSURANCE

The study will be subjected to Quality Assurance inspection in accordance with MPI Research Standard Operating Procedures, and the final report will be reviewed by the MPI Research Quality Assurance Department. Study quality assurance inspection records will be made available to the Sponsor during Sponsor visits to MPI Research.

XX. GOOD LABORATORY PRACTICES

The study will be conducted in accordance with the EPA-FIFRA Good Laboratory Practice regulations.

XXI. STATEMENT OF COMPLIANCE

The final report will include a statement signed by the Study Director addressing whether the Final Report accurately reflects the raw data obtained during the performance of the study and whether there were significant deviations from the Good Laboratory Practice Regulations which affected the quality or integrity of the Good Laboratory Practice Regulations which affected the quality or integrity of the study. If deviations are encountered that will affect the quality or integrity of the study, each deviation will be described in detail.

XXII. ALTERATION OF DESIGN

Alterations of this protocol may be made as the study progresses. No changes in the protocol will be made without the specific request or consent of the Sponsor. In the event that the Sponsor authorized a protocol change verbally, such change will be honored by MPI Research. However, it then becomes the responsibility of the Sponsor to follow such verbal change with a written verification. Changes or clarifications to this protocol will be documented in the study records and signed by the Study Director.

XXIII. DECLARATION OF INTENT

This study should be listed on the MPI Research Quality Assurance Master Schedule for:

A. U.S. Environmental Protection Agency FIFRA ____X____

TSCA _____

XXIII. DECLARATION OF INTENT (continued)

B. Organization for Economic Cooperation and Development OECD _____

C. U.S. Food and Drug Administration FDA _____

D. European Economic Community EEC _____

E. None of the above _____

XXVII. STATEMENT OF ANIMAL CARE AND USE COMPLIANCE

MPI Research is committed to being in compliance with all applicable regulations governing the care and use of laboratory animals. In order to ensure compliance, this protocol will be reviewed by the Institutional Animal Care and Use Committee (IACUC) before the study starts.

Approved by Sponsor	Prepared By
S.C. Johnson & Son, Inc.	MPI Research
By: _____ Ms. Usha Vedula	By: _____ Roger J. Hilaski, M.A.
Title: _____	Title: Associate Director, Inhalation Toxicology
Date: _____	Date: _____

S. C. Johnson & Son, Inc.
1525 Howe Street
Racine, WI 53403-2236
Phone: (414) 260-2000

Enviro Tox Data
2/28/97

FROM: U. Vedula
TO: Jim Wallace

DATE: 2/27/97

RE: **Bridging of Toxicicity Data Between Two Off! Mothproofer Products Containing Recede 443.056 B and Recede 443.056 D**

Below is a rationale for bridging toxicity data between two Off! Mothproofer products containing Recede B or Recede D fragrances. The only difference between the two fragrances is the substitution of [redacted] (in Recede D) for [redacted] (in Recede B).

Both solvents have similar toxicity profiles as indicated below:

Study Type	[redacted]
Oral LD_{50}	
Dermal LD_{50}	
Skin Irritation	
Eye Irritation	

Since the solvent is present in the final product only at [redacted] its contribution to any adverse effects of the product is low. Hence the substitution of [redacted] should not significantly change the toxicological profile of the product. Since all the other components in the two formulas are identical, toxicicity data developed for Recede B would be appropriate to support the registration of Off! Mothproofer with Recede D.

A summary of the toxicity studies conducted on Recede B are attached.

Inert ingredient information may be entitled to confidential treatment

Toxicity Studies Conducted on Recede B

Study Type	Study Results	Category
Acute Oral Toxicity	LD_{50} greater than 5 g/kg	**Category IV**
Acute Dermal Toxicity	LD_{50} greater than 5 g/kg	**Category IV**
Acute Inhalation Toxicity	Air sampling study conducted with lavender mothproofer showed minimal inhalation exposure (ppb) after 8-hours under worst case conditions and slow rate of evaporation. See attached risk assessment. We will be conducting an inhalation study representing a worst case consumer exposure to animals	**Category IV**
Primary Eye Irritation	Irritation and opacity clearing within 7 days in all 6 rabbits	**Category III**
Primary Skin Irritation (Human)	No significant irritation resulting from 8-hour semi-occluded exposure	**Category IV**
Dermal Sensitization	Waiver requested based on negligible repeated skin contact	

Confidential Statement of Formula may be entitled to confidential treatment

Product ingredient source information may be entitled to confidential treatment

Pages 77-78 Product ingredient source information may be entitled to confidential treatment

JAN 24 1997

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs

S.C. JOHNSON & SON, INC.
1525 HOWE ST.
RACINE, WI 53403

Report of Analysis for Compliance with PR Notice 86-5

Thank you for your transmittal of 01/21/97. Our staff has completed a preliminary analysis of the material. The results are provided as follows:

Your submittal was found to be in full compliance with the standards for submission of data contained in PR Notice 86-5. A copy of your bibliography is enclosed, annotated with Master Record ID's (MRIDs) assigned to each document submitted. Please use these numbers in all future references to these documents. Thank you for your cooperation. If you have any questions concerning this data submission, please raise them with the cognizant Product Manager, to whom the data have been released.

JMOWS U.D.
Inhalation study coming.
@ 100% Intended Concentration

Acute Dermal tox study.

442010-00

S.C. Johnson & Son, Inc.
1525 Howe Street
Racine, WI 53403-2236
Phone: (414) 631-2000

January 17, 1997

VIA OVERNIGHT COURIER

'97 JAN 21 P4:01

RECD OPP01

Mr. John Tice, PM 90
U.S. Environmental Protection Agency
Office of Pesticide Programs
Document Processing Desk (7504C)
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Dear Mr.Tice:

Re: RECEDE 14490P163
EPA Reg. No. - Not assigned
APPLICATION FOR PESTICIDE REGISTRATION

Please find enclosed S.C. Johnson & Son, Inc.'s (SCJW) application for registration of RECEDE 14490P163 (hereinafter referenced as Recede) containing the active ingredient Lavandin Oil.

The following administrative materials have been enclosed in support of this application:

- Application for Pesticide Registration (Form #8570-1), OPP ID # 250549;
- Certification with Respect to Citation of Data (Form #8570-29);
- Matrix - Product Analysis Data to Support New Registration - Biochemical Pesticide;
- Matrix - Toxicology Data to Support New Registration - Biochemical Pesticide;
- Executed Confidential Statement of Formula (Form 8570-4);
- Five (5) copies of proposed labeling;
- Supplemental Information - Summary Toxicology Profile for Recede 14490P163;
- Supplemental Information - Evaluation of Acute Inhalation Toxicity for Recede 14490P163;
- Supplemental Information - Evaluation of Acute Dermal Toxicity for Recede 14490P163.

Also submitted in support of this application are the following data, three copies of which are enclosed in compliance with PR Notice 86-5;

Physical and Chemical Characteristics of Recede 14490P163; Lee, H.; (1996); 10 pages.

MRID # 44201001

Product Chemistry Data for Recede 14490P163, Formula Number 14490P163; Rudin, R.E.; (1997); 8 pages with a 29 page confidential attachment.

MRID # 44201002

Acute Oral Toxicity Study of Recede, #14490P163 In Rats; Kuhn, J.O.; (1996); 13 pages

MRID # 44201003

Primary Eye Irritation Study of Recede, #14490P163 In Rabbits; Kuhn, J.O.; (1996) 17 pages.

MRID # 44201004

Recede, #14490P163 Primary Dermal Irritation Study In Humans; Harrison, L.; (1996); 9 pages.

MRID # 44201005

As indicated in the enclosures, SCJW is proceeding under the selective method of data support for this product.

During our recent pre-registration meeting in Arlington, there was some discussion as to whether [redacted] was an active ingredient in the Recede formulation. We indicated that [redacted] is incorporated into the formulation simply as a fragrance, and not as an active ingredient. To confirm our position, we conducted comparison screening tests. We measured the egg-laying deterrence characteristic of the proposed formulation containing [redacted] with that of a similar formulation without [redacted] Each formulation demonstrated similar deterrence characteristics. These tests prove that the [redacted] in this formulation is not efficacious, nor does it contribute to or enhance the overall efficacy of the product. Although [redacted] is registered for pesticidal use as a moth repellent, the level at which it is present in this formulation renders it ineffective. [redacted] is simply acting as a fragrance in this formulation. Therefore we have not declared it as an active ingredient. Since EPA normally would not require SCJW to submit efficacy data as a prerequisite for registration of this product, we have not included the above referenced data in this application. However, this data is in our files and could be submitted promptly should EPA request it.

We have included an evaluation of the acute inhalation toxicity of Recede in our application. This evaluation consists of a risk characterization using an appropriate marker compound, air sampling data, breathing rates and other exposure factors to determine the Hazard Index and Margin of Safety for Recede. BPPD staff indicated that they were not entirely comfortable with such an evaluation. We agreed to submit, in addition to the enclosed evaluation, a "10X" inhalation study. We are currently preparing a protocol for this study. We will submit this protocol for review by your staff prior to initiating the study.

We have also included an evaluation of the acute dermal toxicity of Recede. We had originally intended to request a waiver of the dermal toxicity data requirements for this product based on negligible exposure to consumers during use. Through public literature sources, we determined the Acute Dermal LD_{50} for each component present in Recede at a concentration of > 1% (w/w). Our evaluation revealed only one compound in the formulation with a LD_{50} of less than 5 g/kg (rabbit). The LD_{50} for this compound is > 2 g/kg (rabbit). On the surface, this data alone provides convincing justification for worst-case Category III precautionary labeling. However, as EPA staff pointed out in our recent meeting, there are other compounds present in the Recede formula for which no data is readily available and the synergistic effect of combining these compounds is unknown. Therefore, even taking into consideration the relative absence of dermal contact during use, SCJW decided to proceed with conducting an Acute Dermal Toxicity test. This test has been initiated and will be submitted to EPA as soon as it is complete.

Recede is primarily composed of a proprietary blend of essential oils. The manufacturer, in order to protect the proprietary nature of its formulation, will submit under separate cover a complete disclosure of the formulation components as soon as a file symbol is assigned to this product.

Thank you for your consideration of this application. Please do not hesitate to contact me by telephone at (414) 260-6881 should you have any questions or require further information.

Best Regards,
S.C. Johnson & Son, Inc.

James H. Wallace Jr.

J.H. Wallace, Jr.
Registration Specialist

Enclosures

****
NEW CHEMICAL/FIRST FOOD USE SCREEN
****

1. FILE SYMBOL/REG NO (ISB) 4822-UIL

2. TOLERANCE PETITION NO.(RSB) _____

3. CHEMICAL NAME (RSB) LAVANDIN OIL CAS# 8022-15-9

4. PESTICIDE CHEMICAL CODE (RSB) 40500

5. PRODUCT NAME (ISB) RECEDE 14490P163

6. PM (ISB) 90 7. PM TEAM REVIEWER (PM) _____

8. DATE OF RECEIPT (ISB) 01/21/97

9. USE PATTERN (PM) _____

10. DATE OF TRANSMISSION TO PM (ISB) _____
(EPA Receipt Date plus 3 days)

11. DATE OF TRANSMISSION TO HED/EFED/RSB (PM) _____
(PM Receipt Date plus 5 days)

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(HED/EFED Receipt Date plus 10 days)

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DEB _____
OREB _____
RD/RSB _____

EFED:
EEB _____
EFGWB _____

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15. SUBMISSION BARCODE (PM) _____

REGISTRANT PHONE CONTACT INFORMATION (PM)

DATE OF CONTACT _____

PERSON CONTACTED _____

TITLE _____

DECISION & COMMENTS _____

STATUS OF PACKAGE

☐ PASSED SCREEN

☐ FAILED SCREEN
(Documentation attached)

No product found for this
chemical ingredient

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12. HED/EFED/RSB DUE DATE FOR COMPLETION OF SCREEN _____
(HED/EFED Receipt Date plus 10 days)

13. HED/EFED/RSB REVIEWERS:

HED:
TB _____
DEB _____
OREB _____
RD/RSB _____

EFED:
EEB _____
EFGWB _____

14. HED/EFED/RSB COMPLETION DATE (HED) _____ (EFED) _____ (RSB) _____

15. SUBMISSION BARCODE (PM) _____

REGISTRANT PHONE CONTACT INFORMATION (PM)

DATE OF CONTACT _____

PERSON CONTACTED _____

TITLE _____

DECISION & COMMENTS _____

STATUS OF PACKAGE

☐ PASSED SCREEN

☐ FAILED SCREEN (Documentation attached)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

January 22, 1997

S.C. JOHNSON & SON, INC
1525 HOWE ST
RACINE, WI 53403-2236

ATTN: JAMES H. WALLACE JR

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

PRODUCT NAME: RECEDE 14490P163
COMPANY NAME: S.C. JOHNSON & SON, INC
OPP IDENTIFICATION NUMBER: 250549
EPA FILE SYMBOL: 4822-UIL
EPA RECEIPT DATE: 01/21/97

SUBJECT: RECEIPT OF APPLICATION FOR A NEW REGISTRATION

DEAR REGISTRANT

The Office of Pesticide Programs has received your application for a new registration, and it has passed an administrative screen for completeness.

Please note that this is only a notification of receipt of your application. This is only the first step in the application process, and does NOT constitute approval.

If you have any questions, please contact Phil Hutton, Product Manager 90 at (703)308-8260.

Sincerely,

Front End Processing Staff
Information Services Branch
Program Management and Support Division

Recycled/Recyclable
Printed with Soy/Canola Ink on paper that

N/FT

B

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98

EPA

United States
Environmental Protection Agency
Washington, DC 20460

[X] **Registration**
[ ] **Amendment**
[ ] **Other**

OPP Identifier Number
250549

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
4822- UIL	Tice	[X] None [ ] Restricted
4. Company/Product (Name)	**PM#**	
Recede 14490P163	90	

5. Name and Address of Applicant *(Include ZIP Code)*
S.C. Johnson & Son, Inc.
1525 Howe Street
Racine, WI 53403-2236

[ ] *Check if this is a new address*

6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:

EPA Reg. No. _____

Product Name _____

Section - II

[ ] Amendment - Explain below.
[ ] Resubmission in response to Agency letter dated _____
[ ] Notification - Explain below.
[ ] Final printed labels in response to Agency letter dated _____
[ ] "Me Too" Application.
[ ] Other - Explain below.

RECD EPA/OPP/DPD1
'97 JAN 21 P4:01

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes* [X] No	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Metal [X] Plastic [ ] Glass [X] Paper [ ] Other (Specify) _____
*Certification must be submitted	If "Yes" Unit Packaging wgt. 0.11 oz. / No. per container 2	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information
[X] Label [ ] Container

4. Size(s) Retail Container
0.22 oz.

5. Location of Label Directions
[X] On Label
[ ] On Labeling accompanying product

6. Manner in Which Label is Affixed to Product
[X] Lithograph
[ ] Paper glued
[ ] Stenciled
[ ] Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
James H. Wallace Jr.	Registration Specialist	(414) 260-6881

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received
(Stamped)

2. Signature	3. Title
James H. Wallace Jr.	Registration Specialist
4. Typed Name	**5. Date**
James H. Wallace Jr.	1/17/97

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460.

INSTRUCTIONS: This form is to be used for all applications for new registration, end use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper for submission or a mockup of the proposed label. If prepared for mockup, it should be constructed in a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.
Submission of Data - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended reregistration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.
Block A - Check the appropriate action for which you are submitting this form.

SECTION I - This section must be completed, as applicable, for all registration actions.

1. **Company/Product Number** - Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
2. **EPA Product Manager** - If known, fill in the name and PM number of the EPA Product Manager.
3. **Proposed Classification** - Specify the proposed classification of this product.
4. **Product Name** - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. **Name and Address of Applicant** - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. **Expedited Review** - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. **Subject of submission** - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

SECTION III (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

1. **Type of Packaging** - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. **Type of Retail Container** - Indicate type of container in which product will be marketed.
3. **Location of Net Contents** - Indicate the location of the net contents information for your product.
4. **Size(s) of Retail Container** - Specify the net contents of all retail containers for your product.
5. **Location of Use Directions** - Indicate the location of the use directions for your product.
6. **Manner in which label is affixed to product** - Indicated the method product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

1-5. Self-explanatory.
6. EPA Use Only.

N/FT

B

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98

EPA

United States
Environmental Protection Agency
Washington, DC 20460

[X] **Registration**
[ ] **Amendment**
[ ] **Other**

OPP Identifier Number: 250549

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
4822- Not Assigned	Tice	[X] None [ ] Restricted
4. Company/Product (Name)	**PM#**	
Recede 14490P163	90	

5. Name and Address of Applicant *(Include ZIP Code)*
S.C. Johnson & Son, Inc.
1525 Howe Street
Racine, WI 53403-2236

[ ] *Check if this is a new address*

6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:

EPA Reg. No. _____

Product Name _____

Section - II

[ ] Amendment - Explain below.
[ ] Resubmission in response to Agency letter dated _____
[ ] Notification - Explain below.
[ ] Final printed labels in response to Agency letter dated _____
[ ] "Me Too" Application.
[ ] Other - Explain below.

RECD '97 JAN 21 P4:01 PM/DPDL

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes* [X] No	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Metal [X] Plastic [ ] Glass [X] Paper [ ] Other (Specify) _____
*Certification must be submitted	If "Yes" Unit Packaging wgt. 0.11 oz. / No. per container 2	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
[X] Label [ ] Container	0.22 oz.	[X] On Label [ ] On Labeling accompanying product

6. Manner in Which Label is Affixed to Product [X] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
James H. Wallace Jr.	Registration Specialist	(414) 260-6881

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature	3. Title
James H. Wallace Jr.	Registration Specialist
4. Typed Name	**5. Date**
James H. Wallace Jr.	1/17/97

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant Copy

PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

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5. Three copies of any data submitted;
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2. **EPA Product Manager** - If known, fill in the name and PM number of the EPA Product Manager.
3. **Proposed Classification** - Specify the proposed classification of this product.
4. **Product Name** - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. **Name and Address of Applicant** - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
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1. **Subject of submission** - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

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6. **Manner in which label is affixed to product** - Indicated the method product label is attached to retail container.

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1-5. Self-explanatory.
6. EPA Use Only.

EPA

United States
Environmental Protection Agency
Washington, DC 20460

Form Approved
OMB No. 2070-0060
Approval Expires 05-31-95

Certification with Respect to Citation of Data

Applicants Name and Address	EPA File Symbol/Registration Number
S.C. Johnson & Son, Inc. 1525 Howe Street Racine, WI 53403-2236	4822-UCL Product Name: Recede 14490P163 Date of Application: 1/17/97

NOTE: If your product is a 100% repackaging of another EPA-registered product that you purchase, and is labeled for the same uses, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

1. This application is supported by all data submitted or cited in the application. In addition, if cite-all options are indicated, this application is supported by all data in the Agency's files that concern the properties or effects of this product that is identical or substantially similar and that is one of the types of data that would be required to be submitted if this application sought the initial registration of a product of identical or similar composition and intended uses under the data requirements in effect on the date of approval of this application. (Check the appropriate boxes, in items 2 and 3, or 4 below that pertain to your application.)

2. I certify that, for each study cited in support of this application for registration that is an exclusive use study.

   |X| I am the original submitter*; or

   | | I have obtained the written permission of the original submitter for _____ (insert name of chemical), which is _____ (insert names of companies) (for multiple chemicals link the companies who are original data submitters with the appropriate chemical name) to cite that study*

3. I certify that, for each study cited in support of this application for registration that is not an exclusive use study;

   a. | | I am the original data submitter*; or

   | | I have obtained the written permission of the original data submitter for _____ (insert name of chemical), which is _____ (insert names of companies) (for multiple chemicals link the companies who are original data submitters with the appropriate chemical name) to cite that study*; or

   b. | | I have notified in writing the companies _____ (insert names of companies) for _____ (insert name of chemical) that have submitted data I have cited to support this application and have offered to: (a) Pay compensation for those data in accordance with section 3(c)(1)(F) and 3(c)(2)(D) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA); and (b) Commence negotiations to determine which data are subject to the compensation requirement of FIFRA and the amount and terms of compensation due, if any. The companies I have notified are:

   Companies _____ (insert names of companies) for _____ (insert name of chemical) (for multiple chemicals link the companies who are original data submitters with the appropriate chemical name) listed on the Pesticide Data Submitters List for all active ingredients contained in my product (cite-all method or cite-all option under Selective Method*). (Also, sign the General Offer Statement below.)
   Companies _____ (insert names of companies) for _____ (insert name of chemical) (for multiple chemicals link the companies who are original data submitters with the appropriate chemical name) that have submitted the studies which I have cited (Selective method*).

4. | | I certify that for each study cited in support of this application I am not required to offer data compensation or obtain written permission because all time periods for exclusive use and data compensation have expired.

* A Data Matrix identifying these studies is attached. (Note: a Data Matrix is not required under the cite-all method)

Signature	Name and Title	Date
James H Wallace Jr.	James H. Wallace Jr., Registration Specialist	1/17/97

General Offer to Pay: I hereby offer and agree to pay compensation to other persons, with regard to the approval of this application, to the extent required.

Signature	Name and Title	Date

RECD BEAD/PPP/DPD1 '97 JAN 21 P4:01

EPA Form 8570-29 (Rev. 5-94) Electronic and Paper versions acceptable.
Previous editions are obsolete.

★ U.S. GPO: 1995-386-820/20404

Paperwork Reduction Act Notice

The public reporting burden for this collection of information is estimated to average 2.5 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining needed data, and completing and reviewing this application form. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to: Chief, Information Policy Branch, 2136, U.S. Environmental Protection Agency, 401 M Street, S. W., Washington, DC 20460; and to Office of Management and Budget, Paperwork Reduction Project (2070-0055), Washington, DC 20503, marked "Attention Desk Officer for EPA."

EPA

United States
Environmental Protection Agency
Washington, DC 20460

Form Approved
OMB No. 2070-0060
Approval Expires 05-31-95

Certification with Respect to Citation of Data

Applicants Name and Address	EPA File Symbol/Registration Number
S.C. Johnson & Son, Inc. 1525 Howe Street Racine, WI 53403-2236	4822- Not Assigned
	Product Name: Recede 14490P163
	Date of Application: 1/17/97

NOTE: If your product is a 100% repackaging of another EPA-registered product that you purchase, and is labeled for the same uses, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

1. This application is supported by all data submitted or cited in the application. In addition, if cite-all options are indicated, this application is supported by all data in the Agency's files that concern the properties or effects of this product that is identical or substantially similar and that is one of the types of data that would be required to be submitted if this application sought the initial registration of a product of identical or similar composition and intended uses under the data requirements in effect on the date of approval of this application. (Check the appropriate boxes, in items 2 and 3, or 4 below that pertain to your application.)

2. I certify that, for each study cited in support of this application for registration that is an exclusive use study.

   [x] I am the original submitter*; or

   [ ] I have obtained the written permission of the original submitter for _____ (insert name of chemical), which is _____ (insert names of companies) (for multiple chemicals link the companies who are original data submitters with the appropriate chemical name) to cite that study*

3. I certify that, for each study cited in support of this application for registration that is not an exclusive use study;

   a. [ ] I am the original data submitter*; or

   [ ] I have obtained the written permission of the original data submitter for _____ (insert name of chemical), which is _____ (insert names of companies) (for multiple chemicals link the companies who are original data submitters with the appropriate chemical name) to cite that study*; or

   b. [ ] I have notified in writing the companies _____ (insert names of companies) for _____ (insert name of chemical) that have submitted data I have cited to support this application and have offered to: (a) Pay compensation for those data in accordance with section 3(c)(1)(F) and 3(c)(2)(D) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA); and (b) Commence negotiations to determine which data are subject to the compensation requirement of FIFRA and the amount and terms of compensation due, if any. The companies I have notified are:

   Companies _____ (insert names of companies) for _____ (insert name of chemical) (for multiple chemicals link the companies who are original data submitters with the appropriate chemical name) listed on the Pesticide Data Submitters List for all active ingredients contained in my product (cite-all method or cite-all option under Selective Method*). (Also, sign the General Offer Statement below.)
   Companies _____ (insert names of companies) for _____ (insert name of chemical) (for multiple chemicals link the companies who are original data submitters with the appropriate chemical name) that have submitted the studies which I have cited (Selective method*).

4. [ ] I certify that for each study cited in support of this application I am not required to offer data compensation or obtain written permission because all time periods for exclusive use and data compensation have expired.

* A Data Matrix identifying these studies is attached. (Note: a Data Matrix is not required under the cite-all method)

Signature	Name and Title	Date
James H Wallace Jr.	James H. Wallace Jr., Registration Specialist	1/17/97

General Offer to Pay: I hereby offer and agree to pay compensation to other persons, with regard to the approval of this application, to the extent required.

Signature	Name and Title	Date

RECD 1/97 PM 1 PA:

EPA Form 8570-29 (Rev. 5-94) Electronic and Paper versions acceptable.
Previous editions are obsolete.

★ U.S. GPO: 1995-386-820/20404

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SOURCE OF PRODUCT ANALYSIS DATA TO SUPPORT NEW REGISTRATION - BIOCHEMICAL PESTICIDE

1. PRODUCT NAME: **Recede 14490P163**	2. EPA REG.NO/FILE SYMBOL 4822-UIL	3. FORMULATOR'S EXEMPTION SELECTED YES NO X	4. PAGE 1 OF 1
5. APPLICANT'S NAME AND ADDRESS S.C. Johnson & Son, Inc. 1525 Howe Street Racine, WI 53403	6. APPLICATION FOR REGISTRATION DATED 01 / 17 / 97 Mo. / Day / Yr.	7. NAME OF ACTIVE INGREDIENT(S): **Lavandin Oil**	

8. DATA REQUIREMENTS		9. SOURCE OF DATA SATISFYING REQUIREMENTS						10. MRID NUMBER
8a. 40CFR Part 158/ Guideline Number	8b. Name of Test	9a. Submitted by Applicant	9b. Date Submitted	9c. Submitted by another person/firm (name)	9d. Letter of Authorization	9e. Public Literature	9f. N. A. or Waiver or other (explain)	EPA ACCESSION NUMBER OR OTHER EPA IDENTIFYING NUMBER
158.690/	BIOCHEMICAL PESTICIDE PRODUCT ANALYSIS REQUIREMENTS							
151-10	Product identity	XX	1/17/97					
151-11	Manufacturing process	XX	1/17/97					
151-12	Discussion of formation of unintentional ingredients	XX	1/17/97					
151-13	Analysis of Samples						NA	
151-15	Certification of limits	XX	1/17/97					
151-16	Analytical methods	XX	1/17/97					
151-17(a)	Color	XX	1/17/97					
151-17(B)	Physical state	XX	1/17/97					
151-17(c)	Odor	XX	1/17/97					
151-17(d)	Melting point						NA	
151-17(e)	Boiling point						NA	
151-17(f)	Density	XX	1/17/97					
151-17(g)	Solubility						NA	
151-17(h)	Vapor pressure						NA	
151-17(i)	pH						NA	
151-17(j)	Stability						NA	
151-17(k)	Flammability	XX	1/17/97					
151-17(l)	Storage stability						SEPARATE REPORT	
151-17(m)	Viscosity						NA	
151-17(n)	Miscibility						NA	
151-17(o)	Corrosion characteristics						SEPARATE REPORT	
151-17(p)	Octanol/water partition coefficient						NA	
151-18	Submittal of samples						NA	

100

SOURCE OF TOXICOLOGY DATA TO SUPPORT REGISTRATION - BIOCHEMICAL PESTICIDE

1. PRODUCT NAME: **Recede14490P163**	2. EPA REG.NO/FILE SYMBOL 4822-UEL	3. FORMULATOR'S EXEMPTION SELECTED YES_____ NO_X__	4. PAGE _1_ OF _1_
5. APPLICANT'S NAME AND ADDRESS S.C. Johnson & Son, Inc. 1525 Howe Street Racine, WI 53403	6. APPLICATION FOR REGISTRATION DATED 01 / 17 / 1997 Mo. / Day / Yr.	7. NAME OF ACTIVE INGREDIENT(S): **Lavandin Oil**	

8. DATA REQUIREMENTS		9. SOURCE OF DATA SATISFYING REQUIREMENTS						10. MRID NUMBER
8a. 40CFR Part 158/ Guideline Number	8b. Name of Test	9a. Submitted by Applicant	9b. Date Submitted	9c. Submitted by another person/firm (name)	9d. Letter of Authorization	9e. Public Literature	9f. N. A. or Waiver or other (explain)	EPA ACCESSION NUMBER OR OTHER EPA IDENTFYING NUMBER
158.690/	BIOCHEMICAL PESTICIDES TOXICOLOGY DATA REQUIREMENTS							
Tier I								
152-10	Acute oral toxicity	XX	1/17/97					
152-11	Acute dermal toxicity	XX				Study under way		
152-12	Acute inhalation	XX	1/17/97			Addl. study forthcoming		
152-13	Primary eye irritation	XX	1/17/97					
152-14	Primary dermal irritation	XX	1/17/97					
152-15	Hypersensitivity study					NR - Repeated skin contact unlikely		
152-16	Hypersensitivity incidents					NR - incidents will be reported if they occur		
152-17	Genotoxicity study						NA - EP	
152-18	Immune response						NA - EP	
152-20	90-Day feeding						NA - EP	
152-21	90-Day dermal						NA - EP	
152-22	90-Day inhalation						NA - EP	
152-23	Teratogenicity						NA - EP	
Tier II								
152-19	Mammalian mutagenicity						NA - EP	
152-24	Immune response						NA - EP	
Tier III								
152-26	Chronic exposure		01 P4 :12 NAL 26.				NA - EP	
152-29	Oncogenicity						NA - EP	

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RECD EPA/OPP/OPPD1

FRONT PANEL

Recede 14490P163
New
(Fresh) (Pleasant) Cedar Scent
Outdoor Fresh Cedar Scent
Natural Cedar Scent
(Crisp) (Protective) Cedar Scent
(Pleasant) (Fresh) Cedar Aroma
(Country) Fresh Cedar Scent
Soft Sachet Cedar Scent
Floral Bouquet Cedar Scent
Aromatic Cedar Scent
(Pleasant) (Country) Spice Cedar Scent
(Forest) (Fresh) Cedar Scent
(Effectively) controls moth problems with a pleasant cedar scent
No unpleasant mothball smell
No harsh chemicals
No need to dry clean (or) (air out your) clothes (garments) after storage (use)
Protects clothes from moth damage
Keeps moths off clothes
Effective for one season
Cedar Formula
Protects clothes from (moth) damage for (up to) (one) (two) (three) (four) months (season long) (up to one season)
Freshens closets (drawers) while protecting clothes from (moth) damage
Repels (kills) (controls) (moths) (moth eggs and larvae) (pupae) (which cause damage to clothes) (up to one storage season)
Easy to use
No mess
Convenient to use
Unique (clothes) (garment) protection (with a fresh cedar scent)
Not only protects (your) clothes, it freshens (your) closet (drawers)
Protects (your) clothes from moths (damage) with a (natural), (fresh) (pleasant) (cedar) scent
Pleasant (cedar) protection for your clothes
Lasts up to one season
Protects clothes from moth damage for (up to) (two) (three) (four) (months) (one storage season) (one season)(all season long)

Active Ingredients:
Lavandin Oil 17.29%
Inert Ingredients: 82.71%

Contains (number) (name) (hangers) (units) (fresheners)

Net Contents: .11 oz. per unit
Net Wt. .22 oz

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements on back

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'97 JAN 21 P4:02

BACK PANEL

Recede 14490P163

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION: Causes eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT: IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

1. (Separate the two units.) (Remove backing (cardboard) label from unit using pull tab.) Slowly remove foil label from the (fragrance) cartridge using (pull)(peel) tab. Do not remove or puncture (white) (clear) film protecting (colored) (fragrance) (concentrate) (gel). This film controls the release of concentrated (freshening) (cedar) (protection) ingredients. (Insert cartridge into holder unit.)

2. This product can be placed inside drawers and storage boxes or hung in closets. Use one unit in smaller (average size) closets, drawers or boxes, two in larger closets, drawers or boxes (and close tightly). **Important**: For maximum effectiveness, closets, drawers or boxes must be kept as air tight as possible. Dry clean clothes (garments) (fabrics) before storing (Clean clothes (garments) (fabrics) before storing).

3. When the (fragrance) concentrate (gel) dries and cracks (turns to powder), this signals replacement time (for the cartridge). (Replace all (name) (units) every (one) (two) (three) (four) months (season). Replace stored units every storage season.

UNIT LABELING

Recede 14490P163

Active Ingredients:
Lavandin Oil 17.29%
Inert Ingredients: 82.71%

Net Wt. .11 oz.

Keep Out Of Reach Of Children

CAUTION
See Additional Precautionary Statements (On Back) (Below Before Use).

STORAGE: Store in a cool area away from children.
DISPOSAL: Wrap and put in trash collection.

EPA Reg. No. 4822-
EPA Est. No. 038534-IL-002

Questions? Comments? Call 800-558-5252 weekdays, 9-9 Eastern Time or Write Helen Johnson © *1996* S. C. Johnson & Son, Inc. Racine, WI 53403-2236 U.S.A. All Rights Reserved.

EVALUATION OF ACUTE INHALATION TOXICITY FOR RECEDE, #14490P163

RECD EPA/OPP/DPD1
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EVALUATION OF ACUTE INHALATION TOXICITY WITH RECEDE, #14490P163

A. Hazard Identification

Since there are no toxicity studies on the active ingredient Lavandin Oil, we selected isobornyl acetate as a marker of exposure to the product with this fragrance.

B. Dose-Response Assessment

Study	Results	Uncertainity Factors	RfD
13-week Oral Toxicity Study in Rats (Isobornyl Acetate)	Doses: 15, 90, 270 mg/kg/day **NOEL = 15 mg/kg/day**	10 x 10 x 10 10 x 10 x 10 x 10 (as per FQPA 1996)	15 µg/kg/day 1.5 µg/kg/day

C. Exposure Assessment

Based on the air sampling data and assuming the levels of Lavandin Oil found is representative of the levels of isobornyl acetate in the formula at similar percentages, the concentration in air reached a measured maximum concentration of 1.68 $\mu g/m^3$. Using the formula below:

$$ADD = \frac{C \times IR \times Bio \times ET}{BW}$$; where,

C= vapor concentration (mg/m^3)
IR = inhalation rate (m^3/hr)
Bio = bioavailibility
ET = exposure time (hrs/day); THEN,

C = 1.68 $\mu g/m^3$
IR = 0.65 m^3/hr (breathing rate for a child 3-5.9 years old during light activity, CARB 1993)
Bio = Assumed to be 100%
ET = 4 hr/day (Time spent in utility room, EPA Exposure Factors Handbook)
BW = 19.7 kg (5 year old child)

$$ADD = \frac{1.68\ \mu g/m^3 \times 0.65\ m^3/hr \times 1 \times 4\ hr/day}{20\ kg}$$

$$= 0.22\ \mu g/kg/day\ (2.2 \times 10^{-4}\ mg/kg/day)$$

D. Risk Characterization

Exposure Route	Exposure (ADD)	RfD	HI (ADD/RfD)	Subchronic MOS (NOEL/ADD)
Inhalation	0.22 ug/kg/day	15 ug/kg/day 1.5 ug/kg/day	0.015 0.15	6.8×10^4

The MOS is greater than 100 and the HI <<< 1 under this worst case scenario, the risk is *de minimis.*

EVALUATION OF ACUTE DERMAL TOXICITY FOR RECEDE, #14490P163

RECD ERA/OPP/DPD1
'97 JAN 21 P4:02

Inert ingredient information may be entitled to confidential treatment

Pages 109-115 Confidential Statement of Formula may be entitled to confidential treatment

Pages 116-117 Product ingredient source information may be entitled to confidential treatment

Pages 118-128 Confidential Statement of Formula may be entitled to confidential treatment